

## STIC Database Tracking Number:

**To: Shrestha, Bijendra**  
**Location: KNX 04 A11**  
**Art Unit: 3691**  
**Date: 07/30/10**  
**Case Serial Number: 10/816, 20**

**From: Paul Obiniyi**  
**Location: EIC3600**  
**KNX 04 B68/ Rm04 B71**  
**Phone: (571) 272-27734**  
**paul.obiniyi@uspto.gov**

## Search Notes

Dear Examiner Shrestha:

Please find attached the results of your search for the above-referenced case. The search was conducted in the template files.

I have listed *potential* references of interest in the first part of the search results. However, please be sure to scan through the entire report. There may be additional references that you might find useful.

If you have any questions about the search, or need a refocus, please do not hesitate to contact me.

Thank you for using the EIC, and we look forward to your next search!

Paul

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A.	Dialog .....	3
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*\*EIC-Searcher identified “potential references of interest” are selected based upon their apparent relevance to the terms/concepts provided in the examiner’s search request.*

## I. Potential References of Interest

### A. Dialog

---

3/3,K/6 (Item 1 from file: 15)  
DIALOG(R)File 15: ABI/Inform(R)  
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02612090 355663161  
The profitability of EP trading rule based on operating income  
Kang, Tony  
American Business Review v21n2 PP: 41 Jun 2003  
ISSN: 0743-2348 JRNL CODE: ABV  
WORD COUNT: 2960

...TEXT: key figures.

#### TABLE 1

##### Descriptive Statistics

Next, to investigate whether the return **predictability of the two ratios are due to their correlation with known risk proxies**, I **compute** twelve-month market-adjusted and size-adjusted return. The risk-adjusted returns are computed by...

---

16/3,K/28 (Item 3 from file: 148)  
DIALOG(R)File 148: Gale Group Trade & Industry DB  
(c) 2010 Gale/Cengage. All rights reserved.

0019898605 SUPPLIER NUMBER: 70739296 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Cost of Risk Decreases.  
Capozzi, Michael  
Risk & Insurance, 12, 2, 6  
Feb, 2001  
ISSN: 1050-9232 LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 292 LINE COUNT: 00024

... with \$0.08 in 1998.  
But in contrast to years past, where the cost of **risk correlated** to the operating **ratio** of insurers, in 1999, the cost of risk declined despite an increase in insurers' operating...

16/3,K/26 (Item 1 from file: 148)  
DIALOG(R)File 148: Gale Group Trade & Industry DB  
(c) 2010 Gale/Cengage. All rights reserved.

0026138474 SUPPLIER NUMBER: 213307415 (USE FORMAT 7 OR 9 FOR FULL TEXT)

On the riskiness of universal banking: evidence from banks in the investment banking business pre- and post-GLBA.(Gramm-Leach-Bliley Act)  
Geyfman, Victoria; Yeager, Timothy J.  
Journal of Money, Credit & Banking, 41, 8, 1649(21)  
Dec, 2009  
ISSN: 0022-2879 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 8889 LINE COUNT: 01009

... addition, all regressions include year dummies to capture common economic shocks. The loan-to-asset **ratio** could be positively or negatively **correlated** with **risk**. High loan-to-asset ratios might imply that the bank has high levels of credit...benchmarks. Model II adds the ratio of IB assets to total assets. The statistically significant **ratio** is positively **correlated** with total and unsystematic **risk**, but again the coefficients have modest economic significance--just 24% and 28% of their respective...

---

23/3,K/7 (Item 5 from file: 349)  
DIALOG(R)File 349: PCT FULLTEXT  
(c) 2010 WIPO/Thomson. All rights reserved.

00832852 \*\*Image available\*\*

MEDICAL RISK ASSESSMENT SYSTEM AND METHOD  
SYSTEME ET PROCEDE D'EVALUATION DES RISQUES MEDICAUX

Patent Applicant/Inventor:

HOHNLOSER Joerg, 415 Urbano Drive, San Francisco, CA 94127, US, US  
(Residence), DE (Nationality)

Legal Representative:

GALLAGHER Thomas A (et al) (agent), Gallagher & Lathrop, Suite 1111,  
601 California Street, San Francisco, CA 94108-2805, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200166007 A1 20010913 (WO 0166007)

Application: WO 2001US4938 20010302 (PCT/WO US0104938)

Priority Application: US 2000518616 20000303

Parent Application/Grant:

Related by Continuation to: US 2000518616 20000303 (CIP)

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AT (utility model) AU AZ BA BB BG BR BY BZ CA CH CN CR CU

CZ CZ (utility model) DE DE (utility model) DK DK (utility model) DM DZ

EE EE (utility model) ES FI FI (utility model) GB GD GE GH GM HR HU ID IL

Publication Language: English

Filing Language: English

Fulltext Word Count: 13523

Fulltext Availability:

Detailed Description



## Claims

### Detailed Description

... is searched in response to the first set of data to identify a plurality of **risk** factors and **corresponding risk** factor effects that are adjusted for **interdependency** among the **risk** factors. A **second set** of data that characterizes the individual in relation to the plurality of risk factors is...

### Claim

... scientific literature in response to the first set of data to identify a plurality of **risk** factors and **corresponding risk** factor effects that are adjusted for **interdependency** among the **risk** factors;  
identifying a **second set** of data that characterizes the individual in relation to the plurality of risk factors; and...scientific literature in response to the first set of data to identify a plurality of **risk** factors and **corresponding risk** factor effects that are adjusted for **interdependency** among the **risk** factors;  
identifying a **second set** of data that characterizes the individual in relation to the plurality of risk factors; and...

6/3,K/14 (Item 6 from file: 15)  
DIALOG(R)File 15: ABI/Inform(R)  
(c) 2010 ProQuest Info&Learning. All rights reserved.

02689377 502761861  
The determinants of the capital structure of commercial banks in Taiwan  
Kuo, Hsien-Chang; Lee, Chi-Haw  
International Journal of Management v20n4 PP: 515-522 Dec 2003  
ISSN: 0813-0183 JRNL CODE: MJJ  
WORD COUNT: 2887

...TEXT: the relationship between growth and leverage quality. Shrieves and Dahl (1992) pointed out that capital **ratio** and total asset **risk** are positively **correlated**, and vice versa. In terms of nonperforming loans risk, bad debts are significantly positively related...

...the same results. The only difference was that in banks with more than 7% capital **ratio**, the capital **ratio** was negatively **correlated** to nonperforming loans **risk**, although insignificantly.

On November 2000, Economics indicated that because of the huge amount of bad...

---

16/3,K/12 (Item 4 from file: 15)



DIALOG(R)File 15: ABI/Inform(R)  
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02971037 923308821

The Determinants of Defaults in Residential Mortgage Payments: A  
Statistical Analysis

Lee, Shing-Ping; Liu, Day-Yang

International Journal of Management v19n5 PP: 377-389 Jun 2002

ISSN: 0813-0183 JRNL CODE: MJJ

WORD COUNT: 4783

...TEXT: than was the payment-to-income ratio. As we expected, the factor  
"loan-to-value **ratio**" is positively  
**correlated** with default **risk**. For a  
given house price, if borrowers pay larger down payments which represents  
their stronger...

---

16/3,K/13 (Item 5 from file: 15)

DIALOG(R)File 15: ABI/Inform(R)

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02775402 646644731

Some Recent Trends in Commercial Banking

Ennis, Huberto M

Economic Quarterly - Federal Reserve Bank of Richmond v90n2 PP: 41-61  
Spring 2004

ISSN: 1069-7225 JRNL CODE: ERR

WORD COUNT: 6630

...TEXT: level of around 0.3 percent. If we think that the charge-offs to  
loans **ratio** is positively **correlated**  
with the **risk** of the loan portfolio, then we can  
conclude that since 1993 both risk and return...

---

23/3,K/32 (Item 10 from file: 2)

DIALOG(R)File 2: INSPEC

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08519512

Title: On a correlated aggregate claims model with Poisson and Erlang risk  
processes

Author(s): Yuen, K.C. 1; Junyi Guo; Xueyuan Wu

Affiliation(s):

1. Dept. of Stat. & Actuarial Sci., Hong Kong Univ., China

Journal: Insurance Mathematics & Economics, vol.31, no.2, pp.205-14

Publisher: Elsevier

Country of Publication: Netherlands

Publication Date: 18 Oct. 2002

ISSN: 0167-6687

ISSN Type: print

SICI: 0167-6687(20021018)31:2L:205:CACM;1-T

CODEN: IMECDX  
Document Number: S0167-6687(02)00150-6  
U.S. Copyright Clearance Center Code: 0167-6687/02/\$22.00  
Item Identifier (DOI): [http://dx.doi.org/10.1016/S0167-6687\(02\)00150-6](http://dx.doi.org/10.1016/S0167-6687(02)00150-6)  
Language: English  
Subfile(s): C (Computing & Control Engineering); E (Mechanical & Production Engineering)  
INSPEC Update Issue: 2003-005  
Copyright: 2003, IEE  
Abstract: In this paper we consider a **risk** model with **two dependent classes** of insurance business. In this model the two claim number processes are correlated. Claim occurrences...

## II. Inventor Search Results from Dialog

13/3,K/1 (Item 1 from file: 349)  
DIALOG(R)File 349: PCT FULLTEXT  
(c) 2010 WIPO/Thomson. All rights reserved.

01240663 \*\*Image available\*\*

SYSTEM AND METHOD FOR EVALUATING UNDERWRITING REQUIREMENTS  
SYSTEME ET PROCEDE D'EVALUATION DE CONDITIONS DE SOUSCRIPTION

Patent Applicant/Assignee:

SWISS REINSURANCE COMPANY, Mythenquai 50/60, CH-8022 Zurich, CH, CH  
(Residence), CH (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

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(Residence), US (Nationality), (Designated only for: US)

IVANOVIC Brian N, 6311 Applejack Run, Fort Wayne, IN 46814, US, US  
(Residence), US (Nationality), (Designated only for: US)

**WRIGHT Edward J**, 633 Currie Hill Street, Fort Wayne,  
IN 46804, US, US (Residence), US (Nationality), (Designated only for:  
US)

STABLER Diana M, 6726 Ludington Drive, Fort Wayne, IN 46816, US, US  
(Residence), US (Nationality), (Designated only for: US)

PINKHAM C Allen IV, 1823 Briar Fence Lane, Fort Wayne, IN 46804, US, US  
(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

CONARD Richard D (agent), Barnes & Thornburg LLP, 11 South Meridian  
Street, Indianapolis, IN 46204, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200548050 A2-A3 20050526 (WO 0548050)

Application: WO 2004US36882 20041108 (PCT/WO US2004036882)

Priority Application: US 2003517957 20031106; US 2004981852 20041105

Designated States:

(All protection types applied unless otherwise stated - for applications  
2004+)

G ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 6747

Patent Applicant/Inventor:

... Designated only for: US)

**WRIGHT Edward J...**



Legal Representative:  
Fulltext Availability:  
Detailed Description  
Claims

Detailed Description

... products by conducting extensive studies and analyses of relevant published data and of their own **empirical data**. However, such studies are time consuming and laborious. There exists a need for an automated...

---

13/3,K/2 (Item 2 from file: 349)  
DIALOG(R)File 349: PCT FULLTEXT  
(c) 2010 WIPO/Thomson. All rights reserved.

01018900 \*\*Image available\*\*

SYSTEM AND METHOD FOR DEVELOPING LOSS ASSUMPTIONS  
SYSTEME ET PROCEDE DE DEVELOPPEMENT D'HYPOTHESES DE PERTE

Patent Applicant/Assignee:

SWISS REINSURANCE COMPANY, Mythenquai 50/60, CH-8022 Zurich, CH, CH  
(Residence), CH (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

**GAUBATZ** Dieter S, 3024 Emerald Lake Drive, Fort Wayne,  
IN 46804, US, US (Residence), CA (Nationality), (Designated only for:  
US)

**WRIGHT Edward J**, 2015 Woodhaven Drive, Apt. 3, Fort  
Wayne, IN 46819, US, US (Residence), US (Nationality), (Designated only  
for: US)

Legal Representative:

CONARD Richard D (agent), Barnes & Thornburg, 11 South Meridian  
Street, Indianapolis, IN 46204, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200348891 A2-A3 20030612 (WO 0348891)

Application: WO 2002US35953 20021108 (PCT/WO US0235953)

Priority Application: US 2001334261 20011129

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ

Publication Language: English

Filing Language: English

Fulltext Word Count: 7390

Patent Applicant/Inventor:

**GAUBATZ** Dieter S...

...Designated only for: US)

**WRIGHT Edward J**...

Legal Representative:

Fulltext Availability:

Detailed Description

Detailed Description

... premiums), and other financial elements such as expenses, interest rates and taxes. Insurers use historical **data** on **losses** to help them predict what future losses will



be. Professionals with experience in mathematics and...future claims of the product.

Depending upon the specific insurance product being developed, the historical **data** and the **loss** tables do not always correlate well with the specific risks which the policy will cover...the number of expected deaths) for each combination. Information regarding these quantities is available from **empirical data** and research. Much of this information is available in the public literature, while some

### **III. Text Search Results from Dialog**

#### **A. Full-Text Databases**

? **show files**

File 348:EUROPEAN PATENTS 1978-201030  
(c) 2010 European Patent Office  
File 349:PCT FULLTEXT 1979-2010/UB=20100729|UT=20100722  
(c) 2010 WIPO/Thomson  
File 325:Chinese Patents Fulltext 1985-20100714  
(c) 2010. SciPat Benelux NV.  
File 15:ABI/Inform(R) 1971-2010/Jul 31  
(c) 2010 ProQuest Info&Learning  
File 9:Business & Industry(R) Jul/1994-2010/Jul 30  
(c) 2010 Gale/Cengage  
File 610:Business Wire 1999-2010/Aug 02  
(c) 2010 Business Wire.  
File 810:Business Wire 1986-1999/Feb 28  
(c) 1999 Business Wire  
File 275:Gale Group Computer DB(TM) 1983-2010/Jun 21  
(c) 2010 Gale/Cengage  
File 624:McGraw-Hill Publications 1985-2010/Aug 02  
(c) 2010 McGraw-Hill Co. Inc  
File 621:Gale Group New Prod.Annou.(R) 1985-2010/Jun 10  
(c) 2010 Gale/Cengage  
File 636:Gale Group Newsletter DB(TM) 1987-2010/Jul 30  
(c) 2010 Gale/Cengage  
File 613:PR Newswire 1999-2010/Aug 02  
(c) 2010 PR Newswire Association Inc  
File 813:PR Newswire 1987-1999/Apr 30  
(c) 1999 PR Newswire Association Inc  
File 16:Gale Group PROMT(R) 1990-2010/Jul 30  
(c) 2010 Gale/Cengage  
File 160:Gale Group PROMT(R) 1972-1989  
(c) 1999 The Gale Group  
File 634:San Jose Mercury Jun 1985-2010/Jul 30  
(c) 2010 San Jose Mercury News  
File 148:Gale Group Trade & Industry DB 1976-2010/Jul 30  
(c) 2010 Gale/Cengage  
File 20:Dialog Global Reporter 1997-2010/Aug 02  
(c) 2010 Dialog  
File 256:TecTrends 1982-2010/Jul W4  
(c) 2010 Info.Sources Inc. All rights res.  
File 625:American Banker Publications 1981-2008/Jun 26

(c) 2008 American Banker  
 File 637:Journal of Commerce 1986-2010/Jul 31  
 (c) 2010 UBM Global Trade  
 File 635:Business Dateline(R) 1985-2010/Aug 02  
 (c) 2010 ProQuest Info&Learning  
 File 570:Gale Group MARS(R) 1984-2010/Jun 25  
 (c) 2010 Gale/Cengage  
 File 47:Gale Group Magazine DB(TM) 1959-2010/Jul 07  
 (c) 2010 Gale/Cengage  
 File 268:Banking Info Source 1981-2010/Jul W3  
 (c) 2010 ProQuest Info&Learning  
 File 626:Bond Buyer Full Text 1981-2008/Jul 07  
 (c) 2008 Bond Buyer  
 File 267:Finance & Banking Newsletters 2008/Sep 29  
 (c) 2008 Dialog  
 File 608:MCT Information Svc. 1992-2010/Aug 02  
 (c) 2010 MCT Information Svc.  
 File 647:UBM Computer Fulltext 1988-2010/Jul W4  
 (c) 2010 UBM, LLC  
 File 674:Computer News Fulltext 1989-2006/Sep W1  
 (c) 2006 IDG Communications  
 File 13:BAMP 2010/Jul 30  
 (c) 2010 Gale/Cengage  
 File 75:TGG Management Contents(R) 86-2010/Jul W4  
 (c) 2010 Gale/Cengage  
 File 95:TEME-Technology & Management 1989-2010/Jun W3  
 (c) 2010 FIZ TECHNIK  
 File 169:Insurance Periodicals 1984-1999/Nov 15  
 (c) 1999 NILS Publishing Co.

? ds

Set	Items	Description
S1	41	CORRELATE? ?(3N)RISK??(3N)RATIO
S2	4	S1(7N)(COMPUT? OR CALCULAT? OR ADD? OR SUM? OR ESTIMAT? OR ASSESS? OR IDENTIF??? OR DETERMIN??? OR DECID??? OR ASCERTAIN??? OR ESTABLISH???)
S3	2112682	(TWO OR DOUBLE OR 2 OR BI OR SECOND OR SECONDARY OR 2ND)(-3N)(RISK? ? OR RISKINESS OR VOLATILIT? OR UNCERTAIN? OR LOSS?? OR DANGER? ? OR UNPREDICABILIT? OR FLUCTUAT? OR LIABILITY OR LIABILITIES?)
S4	48341	S3(7N)(GROUP? ? OR CLASS? OR CATEGOR? OR SET? ? OR BATCH?)
S5	249267	(INTERRELAT? OR INTER()RELAT? OR ASSOCIT? OR CORELAT? OR -LINK? OR DEPEND? OR INTERDEPEND?)(3N) (RISK? ? OR RISKINESS OR VOLATILIT? OR UNCERTAIN? OR LOSS?? OR DANGER? ? OR UNPREDICABILIT? OR FLUCTUAT? OR LIABILITY OR LIABILITIES?)
S6	4977	S5(7N)(GROUP? ? OR CLASS? OR CATEGOR? OR SET? ? OR BATCH?)
S7	2411510	(COMPARATIVE OR COMPARISON OR SIMILAR OR LIKE OR IDENTICAL OR ASSOCIATED OR COMPARED OR CORRELAT? OR CORRESPOND?)(3N)(RISK? ? OR RISKINESS OR VOLATILIT? OR UNCERTAIN? OR LOSS?? OR DANGER? ? OR UNPREDICABILIT? OR FLUCTUAT? OR LIABILITY OR LIABILITIES?)
S8	39697	EMPIRICA?(3N)(DATA OR RECORD? ? OR INFO OR INFORMATION? ? - OR CONTENT? ?)
S9	3600301	(RISK? ? OR RISKINESS OR VOLATILIT? OR UNCERTAIN? OR LOSS?? OR DANGER? ? OR UNPREDICABILIT? OR FLUCTUAT? OR LIABILITY OR LIABILITIES?)(3N)(DATA OR RECORD? ? OR INFO OR INFORMATION? ? OR CONTENT? ?)
S10	5311176	(MULTIPLE OR MANY OR SEVERAL OR PLURAL??? OR VARIOUS OR MU-

LTI)(7N)(MERCHANDI? OR GOODS OR WARES OR ITEM? ? OR PRODUCT? ?  
 OR ARTICLE? ? OR THING? ? OR OBJECT? ? OR COMMODIT??? OR MAT-  
 ERIAL? ?)  
 S11 4177 AU=(GAUBATZ, D? OR GAUBATZ D? OR GAUBATZ(2N)D? OR WRIGHT, -  
 E? OR WRIGHT E? OR WRIGHT(2N)E? OR CHOKA, T? OR CHOKA T? OR C-  
 HOKA(2N)T? OR EUBANK, J? OR EUBANK J? OR EUBANK(2N)J?)  
 S12 19 S11 AND S9  
 S13 2 S12 AND S8  
 S14 0 S11 AND S1  
 S15 0 S11 AND S1  
 S16 36 S1 NOT AY>2004  
 S17 3545 S3(15N)S5  
 S18 116 S17(7N)S6  
 S19 4 S18(7N)S7  
 S20 0 S18(15N)S8  
 S21 3 S18(15N)S9  
 S22 2 S18(15N)S10  
 S23 7 S19 OR S21 OR S22

?

**? t/3,k/all**

23/3,K/1 (Item 1 from file: 348)  
 DIALOG(R)File 348: EUROPEAN PATENTS  
 (c) 2010 European Patent Office. All rights reserved.

01789618

Low latency shared data path allocation

Zuweisung eines geteilten Datenpfades mit niedriger Latenz

Allocation d'un canal de donnees partagees avec latence faible

PATENT ASSIGNEE:

LUCENT TECHNOLOGIES INC., (2143720), 600 Mountain Avenue, Murray Hill,  
 New Jersey 07974-0636, (US), (Proprietor designated states: all)

INVENTOR:

LEGAL REPRESENTATIVE:

Watts, Christopher Malcolm Kelway et al (37393), Lucent Technologies NS  
 UK Ltd 5 Mornington Road Woodford Green, Essex, IG8 0TU, (GB)

PATENT (CC, No, Kind, Date): EP 1460811 A1 040922 (Basic)

EP 1460811 A1 040922

EP 1460811 B1 051005

APPLICATION (CC, No, Date): EP 2004250907 040220;

PRIORITY (CC, No, Date): US 392574 030320

DESIGNATED STATES: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR;

HU; IE; IT; LI; LU; MC; NL; PT; RO; SE; SI; SK; TR

EXTENDED DESIGNATED STATES: AL; HR; LT; LV; MK

INTERNATIONAL PATENT CLASS (V7): H04L-012/56

ABSTRACT WORD COUNT: 6863

NOTE:

Figure number on first page: 2

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200439	620
SPEC B	(English)	200540	5741
Total word count - document A			6418
Total word count - document B			7606
Total word count - documents A + B			14024



...SPECIFICATION vol. 2, 2002, pages 1217 - 1219, discloses a shared recovery scheme based on a shared **risk**  
**link group**  
**concept**.

**Summary** of the Invention

A method and data network according to the invention are as set...

---

23/3,K/6 (Item 4 from file: 349)  
DIALOG(R)File 349: PCT FULLTEXT  
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00882909 \*\*Image available\*\*

SIMULATION MODEL CREATION METHOD AND SYSTEM, AND STORAGE MEDIUM  
PROCEDE ET SYSTEME DE CREATION DE MODELE DE SIMULATION, ET SUPPORT DE  
STOCKAGE

Patent Applicant/Assignee:

MAZDA MOTOR CORPORATION, 3-1, Shinchu, Fuchu-cho, Aki-gun, Hiroshima  
735-0028, JP, JP (Residence), JP (Nationality), (For all designated  
states except: US)

Patent Applicant/Inventor:

SUMIDA Shizuo, 15-4, Yanonishi 1-chome, Aki-ku, Hiroshima-shi, Hiroshima  
736-0085, JP, JP (Residence), JP (Nationality)

Legal Representative:

OHTSUKA Yasunori (agent), 7th FL. SHUWA KIOICHO PARK BLDG., 3-6, KIOICHO,  
CHIYODA-KU, Tokyo 102-0094, JP,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200217024 A2-A3 20020228 (WO 0217024)

Application: WO 2001JP7260 20010824 (PCT/WO JP0107260)

Priority Application: JP 2000256327 20000825

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

CN KR US

(EP) DE ES FR GB IT

Publication Language: English

Filing Language: English

Fulltext Word Count: 44234

Fulltext Availability:

Detailed Description

Detailed Description

... energy to convert it into a flow variable  
such as electrical capacitance, mass, and the **like**.

(2) The **loss** characteristic is

**classified** into a

characteristic which converts a **loss** that

**depends** on a

potential variable into a flow variable such as leak  
resistance of electrical capacitance...

---

23/3,K/7 (Item 5 from file: 349)  
DIALOG(R)File 349: PCT FULLTEXT



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00832852   \*\*Image available\*\*

MEDICAL RISK ASSESSMENT SYSTEM AND METHOD  
SYSTEME ET PROCEDE D'EVALUATION DES RISQUES MEDICAUX

Patent Applicant/Inventor:

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(Residence), DE (Nationality)

Legal Representative:

GALLAGHER Thomas A (et al) (agent), Gallagher & Lathrop, Suite 1111,  
601 California Street, San Francisco, CA 94108-2805, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200166007 A1 20010913 (WO 0166007)

Application: WO 2001US4938 20010302 (PCT/WO US0104938)

Priority Application: US 2000518616 20000303

Parent Application/Grant:

Related by Continuation to: US 2000518616 20000303 (CIP)

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AG AL AM AT AT (utility model) AU AZ BA BB BG BR BY BZ CA CH CN CR CU

CZ CZ (utility model) DE DE (utility model) DK DK (utility model) DM DZ

EE EE (utility model) ES FI FI (utility model) GB GD GE GH GM HR HU ID IL

Publication Language: English

Filing Language: English

Fulltext Word Count: 13523

Fulltext Availability:

Detailed Description

Claims

Detailed Description

... is searched in response to the first set of data to identify a  
plurality of **risk** factors and  
**corresponding risk** factor effects  
that are adjusted for **interdependency** among the  
**risk** factors. A **second**  
**set** of data that characterizes the individual in  
relation to the plurality of risk factors is...

Claim

... scientific literature in response to the first set of data to identify  
a plurality of **risk** factors and  
**corresponding risk** factor effects  
that are adjusted for  
**interdependency** among the **risk**  
factors;  
identifying a **second set** of data  
that characterizes the individual in relation to the  
plurality of risk factors; and...scientific literature in response to the  
first set of data to identify a plurality of **risk**  
factors and **corresponding risk**  
factor effects that are adjusted for  
**interdependency** among the **risk**  
factors;  
identifying a **second set** of data  
that characterizes the individual in relation to the  
plurality of risk factors; and...

---

3/3,K/3 (Item 1 from file: 73)  
DIALOG(R)File 73: EMBASE  
(c) 2010 Elsevier B.V. All rights reserved.

0080753831 EMBASE/Medline No: 2005398261  
Regression dilution bias in blood total and high-density lipoprotein  
cholesterol and blood pressure in the Glostrup and Framingham prospective  
studies  
Lewington S.; Thomsen T.; Davidsen M.; Sherliker P.; Clarke R.  
Clinical Trial Service Unit and Epidemiological Studies Unit, University  
of Oxford, Oxford, United Kingdom; Clinical Trial Service Unit and  
Epidemiological Studies Unit, University of Oxford, Radcliffe Infirmary,  
Oxford OX2 6HE, United Kingdom  
CORRESP. AUTHOR/AFFIL: Lewington S.: Clinical Trial Service Unit and  
Epidemiological Studies Unit, University of Oxford, Radcliffe Infirmary,  
Oxford OX2 6HE, United Kingdom

European Journal of Cardiovascular Prevention and Rehabilitation ( Eur.  
J. Cardiovasc. Prev. Rehabil. ) (United Kingdom) April 1, 2003, 10/2  
(143-148)  
CODEN: EJCPB ISSN: 1741-8267  
DOI: 10.1097/01.hjr.0000060834.46105.3c  
DOCUMENT TYPE: Journal; Article RECORD TYPE: Abstract  
LANGUAGE: English SUMMARY LANGUAGE: English  
NUMBER OF REFERENCES: 13

...for HDL-cholesterol, total cholesterol and blood pressure after  
varying intervals of follow-up in **two** prospective cohort  
studies. Methods: Regression dilution **ratios** were  
**estimated** for each **risk** factor using  
the **correlations** between baseline and re-survey values  
in the Glostrup Population Studies and the NHLBI Framingham...

---

3/3,K/5 (Item 1 from file: 5)  
DIALOG(R)File 5: Biosis Previews(R)  
(c) 2010 The Thomson Corporation. All rights reserved.

14794265 BIOSIS NO.: 199900053925  
Patterns of sexual and injecting risk behaviours in French intravenous drug  
users not reporting HIV and hepatitis C virus seropositivities  
AUTHOR: Vidal-Trecan Gwenaëlle (Reprint); Coste Joel; Varescon-Pousson  
Isabelle; Reboul-Marty Jeanne; Christoforov Boyan; Boissonnas Alain  
AUTHOR ADDRESS: Dep. Sante Publique, Faculte Medecine Cochin-Port Royal, 24  
Rue Du Faubourg Saint-Jacque, 75014 Paris, France\*\*France  
JOURNAL: Addiction 93 (11): p1657-1668 Nov., 1998 1998  
MEDIUM: print  
ISSN: 0965-2140  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

...ABSTRACT: patterns of the 328 IDUs not reporting HIV or HCV

seropositivity were analysed by phi **correlation**.  
**Risk** factors for each **risk**  
behaviour were **determined** by regression logistic  
models yielding odds **ratios** (OR) and their 95%  
confidence intervals (95%CI). Findings. Several **risk**  
behaviour patterns were suggested: (1) lending, borrowing; (  
**2**) not or inconsistently testing HIV and HCV serology  
and not or inconsistently using condoms; (3...

---

3/3,K/6 (Item 1 from file: 15)  
DIALOG(R)File 15: ABI/Inform(R)  
(c) 2010 ProQuest Info&Learning. All rights reserved.

02612090 355663161  
The profitability of EP trading rule based on operating income  
Kang, Tony  
American Business Review v21n2 PP: 41 Jun 2003  
ISSN: 0743-2348 JRNL CODE: ABV  
WORD COUNT: 2960

...TEXT: key figures.

#### TABLE 1

##### Descriptive Statistics

Next, to investigate whether the return **predictability of the**  
**two ratios are due to their**  
**correlation with known risk proxies,**  
I **compute** twelve-month market-adjusted and size-adjusted  
return. The risk-adjusted returns are computed by...

---

3/3,K/7 (Item 2 from file: 15)  
DIALOG(R)File 15: ABI/Inform(R)  
(c) 2010 ProQuest Info&Learning. All rights reserved.

01725035 03-76025  
Assessing the impact of prompt corrective action on bank capital and risk  
Aggarwal, Raj; Jacques, Kevin T  
Economic Policy Review v4n3 PP: 23-32 Oct 1998  
JRNL CODE: EPV  
WORD COUNT: 3390

...TEXT: ratios and risk positions very slowly over this period to their  
target levels. Finally, Tables **2** and 3 show mixed  
results in **assessing** the relationship between changes in  
capital ratios and changes in **risk**. When portfolio  
**risk** was measured using NONP, the changes in capital  
**ratios** and **risk** were negatively  
**correlated**, but when portfolio **risk**  
was measured using RWARAT, the parameter **estimates** were  
positive. Thus, the relationship between changes in capital ratios and  
changes in risk during...

---

3/3,K/8 (Item 1 from file: 180)  
DIALOG(R)File 180: Federal Register  
(c) 2010 format only DIALOG. All rights reserved.

DIALOG Accession Number: 0003532997 Supplier Number: 72235099  
Risk-Based Capital Standards: Advanced Capital Adequacy Framework -- Basel  
II  
Volume: 72 Issue: 235 Page: 69288  
CITATION NUMBER: 72 FR 69288  
Date: Friday, December 7, 2007

TEXT:  
...a risk-based capital requirement for operational risk.

Under the final rule, a bank must **calculate** its tier  
1 and total **risk**-based capital **ratios**  
by dividing tier 1 capital by total **risk**-weighted  
assets and by dividing total qualifying capital by total risk-weighted  
assets, respectively. To.

? t/3,k/all

---

16/3,K/12 (Item 4 from file: 15)  
DIALOG(R)File 15: ABI/Inform(R)  
(c) 2010 ProQuest Info&Learning. All rights reserved.

02971037 923308821  
The Determinants of Defaults in Residential Mortgage Payments: A  
Statistical Analysis  
Lee, Shing-Ping; Liu, Day-Yang  
International Journal of Management v19n5 PP: 377-389 Jun 2002  
ISSN: 0813-0183 JRNL CODE: MJJ  
WORD COUNT: 4783

...TEXT: than was the payment-to-income ratio. As we expected, the factor  
"loan-to-value **ratio**" is positively  
**correlated** with default **risk**. For a  
given house price, if borrowers pay larger down payments which represents  
their stronger...

---

16/3,K/13 (Item 5 from file: 15)  
DIALOG(R)File 15: ABI/Inform(R)  
(c) 2010 ProQuest Info&Learning. All rights reserved.

02775402 646644731  
Some Recent Trends in Commercial Banking  
Ennis, Huberto M  
Economic Quarterly - Federal Reserve Bank of Richmond v90n2 PP: 41-61  
Spring 2004



ISSN: 1069-7225 JRNL CODE: ERR  
WORD COUNT: 6630

...TEXT: level of around 0.3 percent. If we think that the charge-offs to loans **ratio** is positively **correlated** with the **risk** of the loan portfolio, then we can conclude that since 1993 both risk and return...

---

16/3,K/14 (Item 6 from file: 15)  
DIALOG(R)File 15: ABI/Inform(R)  
(c) 2010 ProQuest Info&Learning. All rights reserved.

02689377 502761861  
The determinants of the capital structure of commercial banks in Taiwan  
Kuo, Hsien-Chang; Lee, Chi-Haw  
International Journal of Management v20n4 PP: 515-522 Dec 2003  
ISSN: 0813-0183 JRNL CODE: MJJ  
WORD COUNT: 2887

...TEXT: the relationship between growth and leverage quality. Shrieves and Dahl (1992) pointed out that capital **ratio** and total asset **risk** are positively **correlated**, and vice versa. In terms of nonperforming loans risk, bad debts are significantly positively related...

...the same results. The only difference was that in banks with more than 7% capital **ratio**, the capital **ratio** was negatively **correlated** to nonperforming loans **risk**, although insignificantly.

On November 2000, Economics indicated that because of the huge amount of bad...

---

16/3,K/26 (Item 1 from file: 148)  
DIALOG(R)File 148: Gale Group Trade & Industry DB  
(c) 2010 Gale/Cengage. All rights reserved.

0026138474 SUPPLIER NUMBER: 213307415 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
On the riskiness of universal banking: evidence from banks in the investment banking business pre- and post-GLBA.(Gramm-Leach-Bliley Act)  
Geyfman, Victoria; Yeager, Timothy J.  
Journal of Money, Credit & Banking, 41, 8, 1649(21)  
Dec, 2009  
ISSN: 0022-2879 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 8889 LINE COUNT: 01009

... addition, all regressions include year dummies to capture common economic shocks. The loan-to-asset **ratio** could be positively or negatively **correlated** with **risk**. High loan-to-asset ratios might imply that the

bank has high levels of credit...benchmarks. Model II adds the ratio of IB assets to total assets. The statistically significant **ratio** is positively **correlated** with total and unsystematic **risk**, but again the coefficients have modest economic significance--just 24% and 28% of their respective...

---

16/3,K/28 (Item 3 from file: 148)  
DIALOG(R)File 148: Gale Group Trade & Industry DB  
(c) 2010 Gale/Cengage. All rights reserved.

0019898605 SUPPLIER NUMBER: 70739296 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Cost of Risk Decreases.  
Capozzi, Michael  
Risk & Insurance, 12, 2, 6  
Feb, 2001  
ISSN: 1050-9232 LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 292 LINE COUNT: 00024

... with \$0.08 in 1998.  
But in contrast to years past, where the cost of **risk correlated** to the operating **ratio** of insurers, in 1999, the cost of risk declined despite an increase in insurers' operating...

---

16/3,K/29 (Item 4 from file: 148)  
DIALOG(R)File 148: Gale Group Trade & Industry DB  
(c) 2010 Gale/Cengage. All rights reserved.

0017100858 SUPPLIER NUMBER: 117987621 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Spanish covered bonds (cedulas): huge demand for mortgage funding drives growth.(Spain Report)  
Moore, Philip  
Institutional Investor International Edition, 29, 5, SSSS6(2)  
May, 2004  
ISSN: 0192-5660 LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 985 LINE COUNT: 00081

... Amro report on European covered bonds published in November, "in general, a high owner-occupied **ratio** is positively **correlated** with a low **risk** profile of the respective market." It is the robust credit quality of the Spanish cedulas...

---

16/3,K/31 (Item 6 from file: 148)  
DIALOG(R)File 148: Gale Group Trade & Industry DB  
(c) 2010 Gale/Cengage. All rights reserved.

07317023 SUPPLIER NUMBER: 15029321 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Role of toxicology in toxic tort litigation: establishing causation.

James, Robert C.

Defense Counsel Journal, 61, n1, 28-39

Jan, 1994

ISSN: 0895-0016 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 7620 LINE COUNT: 00637

... when the risk estimate is large and precise (narrow confidence intervals).

4. Biological gradient. The **risk ratio** is

**correlated** positively with increasing exposure or dose. A strong dose-response relationship across several categories of...

---

16/3,K/33 (Item 2 from file: 20)

DIALOG(R)File 20: Dialog Global Reporter

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59306480

Karo Bio has presented positive KB2115 Phase II data at two international scientific congresses.

CHEMICAL BUSINESS NEWSBASE - PRESS RELEASE

October 08, 2007

JOURNAL CODE: FPRR LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 363

... 100 mcg and 200 mcg daily dosing, respectively). An improved Apo B/Apo A-1 **ratio** (a **risk** factor which strongly **correlates** with myocardial infarction) was also observed. Triglycerides were significantly reduced; averaging 38% at the 200...

---

16/3,K/36 (Item 1 from file: 75)

DIALOG(R)File 75: TGG Management Contents(R)

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00454597 SUPPLIER NUMBER: 213307415 (USE FORMAT 7 FOR FULL TEXT)

On the riskiness of universal banking: evidence from banks in the investment banking business pre- and post-GLBA.(Gramm-Leach-Bliley Act)

Geyfman, Victoria; Yeager, Timothy J.

Journal of Money, Credit & Banking, 41, 8, 1649(21)

Dec, 2009

ISSN: 0022-2879 LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 8889 LINE COUNT: 01009

... addition, all regressions include year dummies to capture common economic shocks. The loan-to-asset **ratio** could be positively or negatively **correlated** with **risk**. High loan-to-asset ratios might imply that the bank has high levels of credit...benchmarks. Model II adds the ratio of IB assets to total assets. The statistically significant **ratio** is positively **correlated** with

total and unsystematic **risk**, but again the coefficients  
have modest economic significance--just 24% and 28% of their respective...

#### **IV. Text Search Results from Dialog**

##### **A. Abstract Databases**

###### **? show files**

File 350:Derwent WPIX 1963-2010/UD=201048  
(c) 2010 Thomson Reuters  
File 347:JAPIO Dec 1976-2010/Apr(Updated 100726)  
(c) 2010 JPO & JAPIO  
File 35:Dissertation Abs Online 1861-2010/Jun  
(c) 2010 ProQuest Info&Learning  
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13  
(c) 2002 Gale/Cengage  
File 65:Inside Conferences 1993-2010/Aug 02  
(c) 2010 BLDSC all rts. reserv.  
File 2:INSPEC 1898-2010/Jul W4  
(c) 2010 The IET  
File 474:New York Times Abs 1969-2010/Aug 02  
(c) 2010 The New York Times  
File 99:Wilson Appl. Sci & Tech Abs 1983-2010/May  
(c) 2010 The HW Wilson Co.  
File 169:Insurance Periodicals 1984-1999/Nov 15  
(c) 1999 NELS Publishing Co.  
File 6:NTIS 1964-2010/Aug W1  
(c) 2010 NTIS, Intl Cpyrght All Rights Res  
File 63:Transport Res(TRIS) 1970-2010/Jun  
(c) fmt only 2010 Dialog  
File 8:Ei Compendex(R) 1884-2010/Jul W4  
(c) 2010 Elsevier Eng. Info. Inc.  
File 14:Mechanical and Transport Engineer Abstract 1966-2010/May  
(c) 2010 CSA.  
File 139:EconLit 1969-2010/Jun  
(c) 2010 American Economic Association  
File 475:Wall Street Journal Abs 1973-2010/Aug 02  
(c) 2010 The New York Times

###### **? ds**

Set	Items	Description
S1	9	CORRELATE? ?(3N)RISK??(3N)RATIO
S2	0	S1(7N)(COMPUT? OR CALCULAT? OR ADD? OR SUM? OR ESTIMAT? OR ASSESS? OR IDENTIF??? OR DETERMIN??? OR DECID??? OR ASCERTAIN-??? OR ESTABLISH???)
S3	125824	(TWO OR DOUBLE OR 2 OR BI OR SECOND OR SECONDARY OR 2ND)(-3N)(RISK? ? OR RISKINESS OR VOLATILIT? OR UNCERTAIN? OR LOSS?? OR DANGER? ? OR UNPREDICABILIT? OR FLUCTUAT? OR LIABILITY OR LIABILITIES?)
S4	4813	S3(7N)(GROUP? ? OR CLASS? OR CATEGOR? OR SET? ? OR BATCH?)
S5	55270	(INTERRELAT? OR INTER()RELAT? OR ASSOCIT? OR CORELAT? OR -LINK? OR DEPEND? OR INTERDEPEND?)(3N) (RISK? ? OR RISKINESS OR VOLATILIT? OR UNCERTAIN? OR LOSS?? OR DANGER? ? OR UNPREDICABILIT? OR FLUCTUAT? OR LIABILITY OR LIABILITIES?)

S6 1720 S5(7N)(GROUP? ? OR CLASS? OR CATEGOR? OR SET? ? OR BATCH?)  
 S7 160453 (COMPARATIVE OR COMPARISON OR SIMILAR OR LIKE OR IDENTICAL  
 OR ASSOCIATED OR COMPARED OR CORRELAT? OR CORRESPOND?)(3N)(RI-  
 SK? ? OR RISKINESS OR VOLATILIT? OR UNCERTAIN? OR LOSS?? OR D-  
 ANGER? ? OR UNPREDICABILIT? OR FLUCTUAT? OR LIABILITY OR LIAB-  
 ILITIES?)  
 S8 37591 EMPIRICA?(3N)(DATA OR RECORD? ? OR INFO OR INFORMATION? ? -  
 OR CONTENT? ?)  
 S9 143128 (RISK? ? OR RISKINESS OR VOLATILIT? OR UNCERTAIN? OR LOSS??  
 OR DANGER? ? OR UNPREDICABILIT? OR FLUCTUAT? OR LIABILITY OR  
 LIABILITIES?)(3N)(DATA OR RECORD? ? OR INFO OR INFORMATION? ?  
 OR CONTENT? ?)  
 S10 918571 (MULTIPLE OR MANY OR SEVERAL OR PLURAL??? OR VARIOUS OR MU-  
 LTI)(7N)(MERCHANDI? OR GOODS OR WARES OR ITEM? ? OR PRODUCT? ?  
 OR ARTICLE? ? OR THING? ? OR OBJECT? ? OR COMMODIT??? OR MAT-  
 ERIAL? ?)  
 S11 2481 AU=(GAUBATZ, D? OR GAUBATZ D? OR GAUBATZ(2N)D? OR WRIGHT, -  
 E? OR WRIGHT E? OR WRIGHT(2N)E? OR CHOKA, T? OR CHOKA T? OR C-  
 HOKA(2N)T? OR EUBANK, J? OR EUBANK J? OR EUBANK(2N)J?)  
 S12 22 S11 AND S10  
 S13 0 S12 AND S5  
 S14 1 S11 AND S8  
 S15 0 S6 AND S11  
 S16 112 S4 AND S5  
 S17 48 S16 AND S6  
 S18 3787 S5 AND S7  
 S19 13 S18 AND S8  
 S20 318 S18 AND S9  
 S21 11 S20 AND S10  
 S22 72 S17 OR S19 OR S21  
 S23 63 S22 NOT AY>2004

---

1/3,K/2 (Item 1 from file: 2)  
 DIALOG(R)File 2: INSPEC  
 (c) 2010 The IET. All rights reserved.

10467540

Title: Efficient and exact tests of the **risk**  
**ratio** in a **correlated** 2x2 table  
 with structural zero

Author(s): Lloyd, C.J. 1

Affiliation(s):

1. Melbourne Bus. Sch., Carlton, Vic., Australia

Journal: Computational Statistics & Data Analysis, vol.51, no.8, pp.  
 3765-75

Publisher: Elsevier

Country of Publication: Netherlands

Publication Date: 1 May 2007

ISSN: 0167-9473

ISSN Type: print

SICI: 0167-9473(20070501)51:8L.3765:EETR;1-0

CODEN: CSDADW

Document Number: S0167-9473(06)00512-3

Item Identifier (DOI): <http://dx.doi.org/10.1016/j.csda.2006.12.035>

Language: English

Subfile(s): A (Physics); B (Electrical & Electronic Engineering); C  
 (Computing & Control Engineering)

INSPEC Update Issue: 2007-023  
Copyright: 2007, The Institution of Engineering and Technology  
Title: Efficient and exact tests of the **risk ratio** in a **correlated** 2x2 table with structural zero  
Identifiers: structural zero; **correlated** table; probability; **risk ratio**; test statistics; nuisance parameter; Wald statistic; likelihood ratio statistic

---

1/3,K/4 (Item 1 from file: 99)  
DIALOG(R)File 99: Wilson Appl. Sci & Tech Abs  
(c) 2010 The HW Wilson Co. All rights reserved.

2578797 H.W. WILSON RECORD NUMBER: BAST03000681  
Exact Unconditional Inference for **Risk Ratio** in a **Correlated** 2 x 2 Table with Structural Zero  
Tang, Nian-Sheng; Tang, Man-Lai  
Biometrics v. 58 no4 (Dec. 2002) p. 972-80  
DOCUMENT TYPE: Feature Article ISSN: 0006-341X

Exact Unconditional Inference for **Risk Ratio** in a **Correlated** 2 x 2 Table with Structural Zero

---

1/3,K/5 (Item 1 from file: 63)  
DIALOG(R)File 63: Transport Res(TRIS)  
(c) fmt only 2010 Dialog. All rights reserved.

00638631 DA  
TITLE: LEVELS OF DRUNKENNESS OF CUSTOMERS LEAVING LICENSED PREMISES IN PERTH, WESTERN AUSTRALIA. A COMPARISON OF HIGH AND LOW RISK PREMISES  
AUTHOR(S): STOCKWELL, T; RYDON, P; GIANATTI, S; JENKINS, E; OVENDEN, C; SYED, D  
CORPORATE SOURCE: CARFAX PUBLISHING CO, PO BOX 25, ABINGDON, OXFORDSHIRE, OX14 3UE, UNITED KINGDOM  
JOURNAL: BRITISH JOURNAL OF ADDICTION Vol: 87 Issue Number: 6 Pag: 873-81  
PUBLICATION DATE: 19920000 PUBLICATION YEAR: 1992  
LANGUAGE: ENGLISH SUBFILE: IRRD (I)  
SOURCE ACCESSION NUMBER: 9308TR310E  
IRRD DOCUMENT NUMBER: 858958  
ISSN: 0952-0481  
REFERENCES: -  
DATA SOURCE: Transport Research Laboratory (TRL)

...ABSTRACT: p less than 0.01). The proportion of customers with BAL's above 0-15 **correlated** strongly with the premises' **Risk Ratio** L'(r0.63, p less than 0.01). There were also significantly more patrons...

---

1/3,K/7 (Item 2 from file: 8)  
DIALOG(R)File 8: Ei Compendex(R)  
(c) 2010 Elsevier Eng. Info. Inc. All rights reserved.

0017565774 E.I. COMPENDEX No: 20070610410247

Statistical inference for the risk ratio in 2 x 2 binomial trials with structural zero

Gupta, Ramesh C.; Tian, Suzhong

Corresp. Author/Affil: Tian, S.: Department of Mathematics and Statistics, University of Maine, 5752 Neville Hall, Orono, ME 04469-5752, United States

Corresp. Author email: suzhong.tian@umit.maine.edu

Computational Statistics and Data Analysis ( Comput. Stat. Data Anal. ) ( Netherlands) 2007, 51/6 (3070-3084)

Publication Date: 20070301

Publisher: Elsevier, North-Holland

CODEN: CSDAD ISSN: 0167-9473

Publisher Item Identifier: S0167947306000387

DOI: 10.1016/j.csda.2006.02.003

Document Type: Article; Journal Record Type: Abstract

Treatment: T; (Theoretical)

Language: English Summary Language: English

Number of References: 11

...introduced. For discussion of this phenomenon, see Tang and Tang [2002. Exact unconditional inference for **risk ratio** in a **correlated** 2 x 2 table with structural zero. Biometrics 58, 972-980], and Lui [1998. Interval...

---

1/3,K/8 (Item 1 from file: 139)

DIALOG(R)File 139: EconLit

(c) 2010 American Economic Association. All rights reserved.

697516

TITLE: Preferences, consumption smoothing, and risk premia

AUTHOR(S): Lettau, M.; Uhlig, H.

AUTHOR(S) AFFILIATION: Tilburg University, Center for Economic Research;

Tilburg University, Center for Economic Research

PUBLICATION INFORMATION: Tilburg University, Center for Economic Research,

Discussion Paper: 60

PUBLICATION DATE: 1997

LANGUAGE: English

AVAILABILITY: <http://greywww.kub.nl:2080/greyfiles/center/1997/doc/60.ps>

DOCUMENT TYPE: Working Paper

ABSTRACT INDICATOR: Abstract

...ABSTRACT: agents are allowed to save. Departing from the complete markets framework, we show that uninsurable **risk** can only increase the Sharpe-**ratio** and **risk** premia if dividends are **correlated** with individual consumption.

---

1/3,K/9 (Item 2 from file: 139)

DIALOG(R)File 139: EconLit

(c) 2010 American Economic Association. All rights reserved.

692933

TITLE: Preferences, Consumption Smoothing, and Risk Premia

AUTHOR(S): Lettau, Martin; Uhlig, Harald



AUTHOR(S) AFFILIATION: Unlisted; Unlisted  
PUBLICATION INFORMATION: C.E.P.R. Discussion Papers, CEPR Discussion  
Papers: 1678  
PUBLICATION DATE: 1997  
LANGUAGE: English  
AVAILABILITY: <http://www.cepr.org/pubs/dps/DP1678.asp>  
DOCUMENT TYPE: Working Paper  
ABSTRACT INDICATOR: Abstract

...ABSTRACT: agents are allowed to save. Departing from the complete  
markets framework, we show that uninsurable **risk** can  
only increase the Sharpe-**ratio** and  
**risk** premia if dividends are  
**correlated** with individual consumption.

23/3,K/1 (Item 1 from file: 350)  
DIALOG(R)File 350: Derwent WPIX  
(c) 2010 Thomson Reuters. All rights reserved.

0015606372 - Drawing available  
WPI ACC NO: 2006-170544/200618  
XRPX Acc No: N2006-147065  
Quality of service providing method for e.g. internet, involves selecting  
for each network link desired mix of average rates of traffic among traffic  
classes on link during time of network congestion  
Patent Assignee: AT & T CORP (AMTT)  
Inventor: CHIU A L; CIVANLAR S; GREENBERG A G; TANG Z  
Patent Family (1 patents, 1 countries)  
Patent Application  
Number Kind Date Number Kind Date Update  
US 6999420 B1 20060214 US 1999476309 A 19991230 200618 B

Priority Applications (no., kind, date): US 1999476309 A 19991230

Patent Details  
Number Kind Lan Pg Dwg Filing Notes  
US 6999420 B1 EN 18 8

Original Publication Data by Authority

Argentina  
Assignee name & address:  
Claims:  
...a way as to achieve a desired set of packet loss criteria for said  
traffic <B>classes on said each **link**,  
**wherein** said **set**  
**of** packet loss criteria further  
**includes** a maximum desired **packet**  
**loss** ratio of a **first** one of said  
traffic classes, andwherein said set of packet loss criteria includes a  
desired maximum value, during **periods** of congestion over  
said each **link**, of a **quantity** that is  
a function of a) a packet **loss** ratio of a  
**second** one of said traffic **classes**  
andb) a packet loss ratio of a third **one** of said traffic  
**classes.**>



---

23/3,K/3 (Item 3 from file: 350)  
DIALOG(R)File 350: Derwent WPIX  
(c) 2010 Thomson Reuters. All rights reserved.

0013970119 - Drawing available  
WPI ACC NO: 2004-150934/200415  
XRPX Acc No: N2004-120491  
Link state public notice device in internet, includes public notice unit to  
search shared **risk link**  
**group** that performs backup of information input from  
database  
Patent Assignee: NIPPON TELEGRAPH & TELEPHONE CORP (NITE)  
Inventor: IMAYADO W; OKAMOTO S  
Patent Family (2 patents, 1 countries)  
Patent Application  
Number Kind Date Number Kind Date Update  
JP 2004040384 A 20040205 JP 2002193474 A 20020702 200415 B  
JP 3789862 B2 20060628 JP 2002193474 A 20020702 200646 E

Priority Applications (no., kind, date): JP 2002193474 A 20020702

#### Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
JP 2004040384	A	JA	12	16		
JP 3789862	B2	JA	13		Previously issued patent	JP 2004040384

Link state public notice device in internet, includes public notice unit to  
search shared **risk link**  
**group** that performs backup of information input from  
database

Alerting Abstract ...NOVELTY - A shared **risk**  
**link group** (SRLG) public notice unit  
searches SRGL which performs backup of information from a backup propriety  
...  
...**2** backup **danger**  
**classification** number controls database

---

23/3,K/5 (Item 5 from file: 350)  
DIALOG(R)File 350: Derwent WPIX  
(c) 2010 Thomson Reuters. All rights reserved.

0013592777 - Drawing available  
WPI ACC NO: 2003-687647/200365  
XRPX Acc No: N2003-549277  
Position determining system for air traffic controller, has set of sensors  
providing location of object with **uncertainty**  
distribution and **data** processor combining both signals  
to generate most likely position of object  
Patent Assignee: HONEYWELL INT INC (HONE)  
Inventor: HAMZA R M  
Patent Family (8 patents, 98 countries)



Patent		Application				
Number	Kind	Date	Number	Kind	Date	Update
US 20030078754	A1	20030424	US 200114626	A	20011022	200365 B
CN 100470256	C	20090318	CN 2002825942	A	20021017	200969 E

Priority Applications (no., kind, date): US 200114626 A 20011022; US 200114626 A 20011022

#### Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
US 20030078754	A1	EN	9	5		
WO 2003083500	A2	EN				
National Designated States,Original: AE AG AL AM AT AU AZ BA BB BG BR BY						
Regional Designated States,Original: AL AT BE BG CH CY CZ DE DK EE ES FI						
FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI SK TR						
AU 2002367633	A8	EN			Based on OPI patent	WO 2003083500

...determining system for air traffic controller, has set of sensors providing location of object with **uncertainty** distribution and **data** processor combining both signals to generate most likely position of object

Alerting Abstract ...set of sensors (12, 16, 20, 24) providing a location of an object with an **uncertainty** distribution and a **data** processor (10) trained by neural network combines the location data from the selected sensors and **associated uncertainty** distributions to generate a value indicating the most likely position of the object.

#### Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

...data and qualitative information from a plurality of sensors, each sensor having a plurality of **<B>associated sensor uncertainties**, to determine the most likely position of an object and an associated probability distribution for...

...the associated probability distribution. The method and system are applicable for locating and tracking a **plurality** of **objects**.

...

...data and qualitative information from a plurality of sensors, each sensor having a plurality of **associated sensor uncertainties**, to determine the most likely position of an object and an associated probability distribution for...

...the associated probability distribution. The method and system are applicable for locating and tracking a **plurality** of **objects**.

#### Claims:

What is claimed is: **1.** A system to determine a most likely position of an **object**, said system comprising: a **plurality** of sensors each providing a location of the

object with an **associated** sensor  
**uncertainty** distribution; anda **data**  
processor for combining the location data from selected sensors and the  
**associated** sensor **uncertainty**  
distributions to generate a value indicative of the most likely position of  
the object...

...claimed is:1. A system to determine a most likely position of a moving  
inanimate **object**, said system comprising: a  
**plurality** of sensors each providing a location of the  
moving inanimate object with an **associated** sensor  
**uncertainty** distribution, wherein for each sensor, the  
**associated** sensor **uncertainty**  
distribution is **dependent** on one or more performance  
characteristics for the sensor; anda data processor configured to...

...from two or more sensors, wherein said data processor combines the  
location data and the **associated** sensor  
**uncertainty** distributions from said two or more sensors  
and generates a value indicative of the most...

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23/3,K/6 (Item 6 from file: 350)  
DIALOG(R)File 350: Derwent WPIX  
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0013331876 - Drawing available  
WPI ACC NO: 2003-419285/200339  
Related WPI Acc No: 2003-901324  
XRPX Acc No: N2003-334670  
Ultra wide band frequency dependent attenuator for electronic systems, has  
conventional micro strip transmission line in series with an engineered  
lossy micro strip line providing constant group delay  
Patent Assignee: BOEING CO (BOEI); KORMANYOS B K (KORM-I)  
Inventor: KORMANYOS B K  
Patent Family (4 patents, 98 countries)  
Patent                      Application  
Number              Kind      Date      Number              Kind      Date      Update  
US 20030048171      A1      20030313      US 2001949513      A      20010907      200339      B  
WO 2003023893      A1      20030320      WO 2002US28289      A      20020905      200342      E  
US 6674339              B2      20040106      US 2001949513      A      20010907      200411      E  
AU 2002335706      A1      20030324      AU 2002335706      A      20020905      200461      E

Priority Applications (no., kind, date): US 2001949513      A      20010907

#### Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
US 20030048171	A1	EN	12	9		
WO 2003023893	A1	EN				

National Designated States,Original: AE AG AL AM AT AU AZ BA BB BG BR BY  
Regional Designated States,Original: AT BE BG CH CY CZ DE DK EA EE ES FI  
FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SK SL SZ TR TZ UG  
ZM ZW  
AU 2002335706      A1      EN                      Based on OPI patent      WO 2003023893

Alerting Abstract ...ADVANTAGE - The attenuator provides frequency  
**dependent loss** (i.e.) the short time  
delay **through the** attenuator provides

exactly the same loss behavior as the longer delay line and maintains a nearly constant group delay. When the two transmission lines namely **micro** strip line and **lossy** micro strip line are placed in series the group delay changes effectively cancel each other...

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

An ultra <B>wideband, frequency dependent attenuator apparatus for **providing** a **loss** which can be matched with a physically longer, given delay line, but yet which provides...

...component providing a first group delay to said input signal if said input signal is **routed** therethrough and a first frequency **dependent loss** to said input signal; a second delay component providing a **second group** delay which is shorter than said first time delay, but which has a **second** frequency **dependent loss** approximately equal to said first frequency dependent **loss** with **substantially** constant **group delay**; and a switch for selectively routing **said input** signal through either **one** of said first or second delay components depending on a degree of time delay desired...

...which has a physical length shorter than said first time delay line, and a frequency **dependent loss** matching a **loss** of said first time delay line with substantially constant group delay; and a switch for selecting one of said delay lines, depending on a desired **time delay** to be **applied** to said input signal, to thereby route said input signal through a selected one of...

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23/3,K/7 (Item 7 from file: 350)  
DIALOG(R)File 350: Derwent WPIX  
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0011223937

WPI ACC NO: 2002-163201/200221

Related WPI Acc No: 2000-160930

XRAM Acc No: C2002-050342

Determining a susceptibility in a subject to opioid addiction, involves determining variation in the first allele of human mu opioid receptor gene or mu opioid receptor protein in the sample of the subject

Patent Assignee: ADVANCED RES & TECHNOLOGY INST (ADRE-N); UNIV ROCKEFELLER (UYRQ)

Inventor: KREEK M J; LAFORGE K S; TISCHFIELD J A; YU L

Patent Family (1 patents, 1 countries)

Patent

Application

Number	Kind	Date	Number	Kind	Date	Update
US 6335168	B1	20020101	US 199892402	P	19980710	200221 B



**SIRA**  
Delivering Technologies  
for Patents

28

US 1999351198 A 19990709

Priority Applications (no., kind, date): US 199892402 P 19980710; US 1999351198 A 19990709

#### Patent Details

Number Kind Lan Pg Dwg Filing Notes  
US 6335168 B1 EN 48 6 Related to Provisional US 199892402  
Extension Abstract

...a previous study which identified one SNP, and examined its frequency in associated with drug **dependence**. The pooled **Relative Risk** (RR) and the Mantel-Haenszel chi-square were calculated. For A118G polymorphism there was no...

...48 X2 ( 1 )=2.76 (p=0.096)]. Although not significant, there was evidence of **heterogeneity** between ethnic **groups** [RR=0.48 X2 ( 2 )=5.16 (p=0.076)]. There was a marginally significant difference in the allele frequencies...

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23/3,K/8 (Item 8 from file: 350)  
DIALOG(R)File 350: Derwent WPIX  
(c) 2010 Thomson Reuters. All rights reserved.

0010968721 - Drawing available  
WPI ACC NO: 2001-592484/200167  
XRPX Acc No: N2001-441462  
Pachinko machine **sets** frequency of start condition to maximum during **secondary** start display and **fluctuates** frequency based on great success display pattern during initial sort display  
Patent Assignee: ACE DENKEN KK (ACED-N)  
Inventor: TAKEMOTO T  
Patent Family (1 patents, 1 countries)  
Patent Application  
Number Kind Date Number Kind Date Update  
JP 2001161958 A 20010619 JP 1999344992 A 19991203 200167 B

Priority Applications (no., kind, date): JP 1999344992 A 19991203

#### Patent Details

Number Kind Lan Pg Dwg Filing Notes  
JP 2001161958 A JA 45 33

Pachinko machine **sets** frequency of start condition to maximum during **secondary** start display and **fluctuates** frequency based on great success display pattern during initial sort display

Alerting Abstract ...frequency of start condition is set to maximum repeatedly. When initial sort display is established, **set** frequency is **fluctuated depending** on great success display pattern.

Original Publication Data by Authority

Argentina

23/3,K/9 (Item 9 from file: 350)  
DIALOG(R)File 350: Derwent WPIX  
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0008144319 - Drawing available  
WPI ACC NO: 1997-244970/199722  
XRPX Acc No: N1997-202072  
Warning device for distance between cars or with another object - measures distance between car and object in front of it and judges possibility of danger accordingly, and generates alarm when hazard is judged to be dangerous  
Patent Assignee: CALSONIC CORP (NIRD)  
Inventor: IWASAKI M; NAKAHARA Y; YANAKA T  
Patent Family (8 patents, 18 countries)  
Patent Application  
Number Kind Date Number Kind Date Update  
WO 1997014584 A1 19970424 WO 1995JP2124 A 19951017 199722 B  
EP 856433 A1 19980805 EP 1995934315 A 19951017 199835 E  
WO 1995JP2124 A 19951017  
WO 1995JP2124 A 19951017

Priority Applications (no., kind, date): WO 1995JP2124 A 19951017

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
WO 1997014584	A1	JA	57	21		
National Designated States,Original: JP KR US						
Regional Designated States,Original: AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE						
EP 856433	A1	EN				PCT Application WO 1995JP2124 Based on OPI patent WO 1997014584
Regional Designated States,Original: DE						
JP 9515673	X	JA				PCT Application WO 1995JP2124 Based on OPI patent WO 1997014584
US 6097311	A	EN				PCT Application WO 1995JP2124 Based on OPI patent WO 1997014584
KR 1999063931	A	KO		21		PCT Application WO 1995JP2124 Based on OPI patent WO 1997014584
KR 335968	B	KO				PCT Application WO 1995JP2124 Previously issued patent KR 99063931
Based on OPI patent WO 1997014584						
EP 856433	B1	EN				PCT Application WO 1995JP2124 Based on OPI patent WO 1997014584
Regional Designated States,Original: DE						
DE 69529481	E	DE				Application EP 1995934315 PCT Application WO 1995JP2124 Based on OPI patent EP 856433 Based on OPI patent WO 1997014584

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

...an object in front of the car, judging the possibility of danger on the basis <B>of distance **data** thus obtained, and generating an alarm in the case where it is judged to be...

...discriminates a kind of an object being measured (a moving body, obstruction, guardrail or the **like**) to judge **danger according** to the **kind** of the discriminated object. Accordingly, it is possible to improve reliability of an alarm and...

...object in front of the car, judging the possibility of danger on the basis of **distance data** thus obtained, and generating an alarm in the case where it is judged to be...

...and an object existing ahead of the own automobile, judge the presence or absence of **danger** based on distance **data** thus obtained, and issue an alarm on the case where it is judged to be dangerous, characterized by comprising: distance measuring means for emitting a light beam in a prescribed **plurality** of directions and measuring a distance to **an object** in the **plurality** of directions; first discriminating means for comparing a **change** of the distance **measured** in the first and the second measurement in the same direction by said distance measuring means with a distance of travel of the own, automobile and discriminating whether an **object** existing in **that** direction is a moving **object** or a fixed **object**; second discriminating **means** for, when said first discriminating means has judged the presence of not less than a...

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23/3,K/10 (Item 10 from file: 350)  
DIALOG(R)File 350: Derwent WPIX  
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0007612594 - Drawing available  
WPI ACC NO: 1996-230228/199623  
XRPX Acc No: N1996-193354  
Data processing method for document format transfer - identifying format type and associating format type with node in format network and determining expenditure cost associated with each format transformation application to determine optimal path between two nodes  
Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)  
Inventor: WILLIAMS M L; YUN R H  
Patent Family (1 patents, 1 countries)  
Patent                      Application



Number	Kind	Date	Number	Kind	Date	Update
US 5513323	A	19960430	US 1991715179	A	19910614	199623 B

Priority Applications (no., kind, date): US 1991715179 A 19910614

#### Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
US 5513323	A	EN	7	3		

Alerting Abstract ...environment. Determines optimal multistage transformations between formats with minimal associated expenditure cost. Identifies time and **information loss** costs for expenditure cost determination.

#### Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

...An expenditure cost associated with each format type transformation application, such as time cost or <B>information loss cost, is **identified and associated** with a **link** between two associated nodes in the format type network. An optimal path from a first

...

Claims:

A method in a data processing system having **multiple**

**object types**

**therein** and including **multiple**

**object type**

**transformation** applications for determining an optimal

multistage transformation from a first selected object type to a...

...node within an object type network; determining an expenditure cost associated with each of said **multiple**

**object type**

**transformation** applications; associating each determined

expenditure cost with a link between two selected nodes within said...

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23/3,K/13 (Item 2 from file: 35)  
 DIALOG(R)File 35: Dissertation Abs Online  
 (c) 2010 ProQuest Info&Learning. All rights reserved.

02434478 ORDER NO: AADAA-I3364348  
 Building-specific loss estimation methods & tools for simplified  
 performance-based earthquake engineering  
 Author: Ramirez, Carlos Marcelo  
 Degree: Ph.D.  
 Year: 2009  
 Corporate Source/Institution: Stanford University (0212)  
 Source: VOLUME 70/07-B OF DISSERTATION ABSTRACTS INTERNATIONAL.  
 PAGE 4364. 352 PAGES  
 ISBN: 978-1-109-24085-6





...for each story. As part of the development of these functions the effect of conditional **losses** of spatially **dependent** components was investigated to see if it had a large influence on losses. The EDP-DV functions were also developed using generic fragility functions generated using **empirical data** to compute damage of components that do not currently have component-specific fragilities. To improve...

...The aleatoric variability of these losses is also large and heavily influenced by construction cost **uncertainty** and **correlations**. The story-based **loss** estimation method provides an alternative way of assessing structural performance that is efficient and less...

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23/3,K/14 (Item 3 from file: 35)  
DIALOG(R)File 35: Dissertation Abs Online  
(c) 2010 ProQuest Info&Learning. All rights reserved.

02427038 ORDER NO: AADAA-I3360157  
Quantifying uncertainties in synthetic origin-destination trip matrix estimates  
Author: Appiah, Justice  
Degree: Ph.D.  
Year: 2009  
Corporate Source/Institution: The University of Nebraska - Lincoln (0138 )  
Source: VOLUME 70/06-B OF DISSERTATION ABSTRACTS INTERNATIONAL.  
PAGE 3665. 189 PAGES  
ISBN: 978-1-109-24396-3

...the need for a measure that gives some indication of the quality of (or the **uncertainties associated** with) an OD estimate in the form of, for example, a standard deviation (or a...

...gapped bootstrap uncertainty estimator - a recently developed statistical technique that is uniquely suited for handling **uncertainties in dependent** exchangeable data.

An application of the gapped bootstrap method to both **empirical** and simulated **data** led to fairly conservative estimates of uncertainty that were, on average, larger than those of...

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23/3,K/15 (Item 4 from file: 35)  
DIALOG(R)File 35: Dissertation Abs Online  
(c) 2010 ProQuest Info&Learning. All rights reserved.

02148035 ORDER NO: AADAA-IMR13297  
Exploring the characterization of uncertainty in census and borehole data using rough sets  
Author: Dumedah, Gift  
Degree: M.Sc.  
Year: 2005  
Corporate Source/Institution: Simon Fraser University (Canada) (0791)

Source: VOLUME 44/05 of MASTERS ABSTRACTS.  
PAGE 2133. 161 PAGES  
ISBN: 978-0-494-13297-5

This research introduces rough **sets** to better characterizing spatial relationships and **uncertainty** in **two** examples. First, scale issues in census data are addressed. Census data provide demographic and socio-economic information at specific area units. Hence, derived spatial information are scale-**dependent**, leading to **uncertainty** when analyzing results at different scales. Rough **sets** mitigate scale distortions and provide scale-sensitivity measure during scale transition. It employs the metaphor...

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23/3,K/16 (Item 5 from file: 35)  
DIALOG(R)File 35: Dissertation Abs Online  
(c) 2010 ProQuest Info&Learning. All rights reserved.

02062229 ORDER NO: AADAA-I3159643  
Technology revolution and dynamics of total factor productivity  
Author: Mookmanee, Damisa  
Degree: Ph.D.  
Year: 2005  
Corporate Source/Institution: The Claremont Graduate University (0047)  
Source: VOLUME 66/01-A OF DISSERTATION ABSTRACTS INTERNATIONAL.  
PAGE 269. 132 PAGES  
ISBN: 0-496-92749-3

...does not improve productivity and welfare of economy. The level of productivity decline and welfare **loss** **depends** on the fraction of low-technology production. The **empirical** results on quarterly **data** of OECD countries show that changes in capital stock, changes in investment, changes in machinery...

...co-movement between investment coefficient and GDP growth in some countries. The results show some **fluctuation** on **correlation** between exogenous variables and changes in labor productivity due to the behavior adjustment of agents...

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23/3,K/17 (Item 6 from file: 35)  
DIALOG(R)File 35: Dissertation Abs Online  
(c) 2010 ProQuest Info&Learning. All rights reserved.

02029355 ORDER NO: AADAA-I0806923  
On insurance risk models with correlated classes of business  
Author: Wu, Xueyuan  
Degree: Ph.D.  
Year: 2004  
Corporate Source/Institution: University of Hong Kong (People's Republic of China) (0842)  
Source: VOLUME 65/07-A OF DISSERTATION ABSTRACTS INTERNATIONAL.  
PAGE 2709.

In this thesis, we focus on ruin analysis of risk models with

correlated **classes** of insurance business. Specifically, five **risk** models with different **dependence** relations between **classes** are introduced. For these models, various problems related to ruin probability are considered.

We first...

...and Wang (2002) with thinning correlation, we propose a new dependence relation with interaction between **classes** of business in the discrete-time case. **Two** discrete-time **risk** models with such a relation of dependence are studied. For the first interaction model; we...

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23/3,K/18 (Item 7 from file: 35)  
DIALOG(R)File 35: Dissertation Abs Online  
(c) 2010 ProQuest Info&Learning. All rights reserved.

01989540 ORDER NO: AADAA-I3115409  
Cascade flow simulation and measurement for the study of axial compressor loss mechanism  
Author: Hayashibara, Shigeo  
Degree: Ph.D.  
Year: 2003  
Corporate Source/Institution: Wichita State University (0260)  
Source: VOLUME 64/12-B OF DISSERTATION ABSTRACTS INTERNATIONAL.  
PAGE 6179. 229 PAGES

...tests can be, on the other hand, quite difficult to analyze. These full-scale test **data** usually provide good **empirical information**, but are quite often difficult to use for the analytical prediction of design efficiency. An...

...stage efficiency of 3-D turbomachines, it is quite important to understand the details of **associated** physical mechanism of **loss** in 2-D cascade models. Traditionally, turbomachinery losses in both cascade and actual turbomachines have...

...an inconvenient approach for design, since the coefficient of loss based on this "pressure **loss**" **depends** on Mach number. The more universal quantification of "energy loss" has recently received  
...

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23/3,K/19 (Item 8 from file: 35)  
DIALOG(R)File 35: Dissertation Abs Online  
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01721996 ORDER NO: AADAA-I9953558  
Optimal balanced matching (Caliper matching)  
Author: Li, Yunfei  
Degree: Ph.D.  
Year: 1999  
Corporate Source/Institution: University of Pennsylvania (0175)

Source: VOLUME 60/12-B OF DISSERTATION ABSTRACTS INTERNATIONAL.  
PAGE 6186. 159 PAGES

...sacrifice on the total Mahalanobis distance. When the treatment and some pretreatment covariates are time-**dependent**, optimal balanced **risk set** matchings are proposed. Balanced risk **set** matchings balance the marginal distributions of both time-dependent and baseline covariates.

**Two types of risk**

**set** matchings are proposed. In the first type, only never-treated patients can be selected as...

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23/3,K/20 (Item 9 from file: 35)  
DIALOG(R)File 35: Dissertation Abs Online  
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01169735 ORDER NO: AAD91-21984  
A LESLIE MODEL, THRESHOLD FUNCTION AND UNCERTAINTY FOR CHEMICAL CONTROL OF CORN EARWORM

Author: YU, YANAN

Degree: PH.D.

Year: 1990

Corporate Source/Institution: NORTH CAROLINA STATE UNIVERSITY AT RALEIGH  
(0155)

Source: VOLUME 52/03-B OF DISSERTATION ABSTRACTS INTERNATIONAL.  
PAGE 1486. 153 PAGES

...and affected by predation, cannibalism and chemical applications. These effects are modeled by parameterizing the **empirical data** used in and outputs from process level simulations. A Weibull function is employed to characterize...

...the economic threshold function from the Monte Carlo simulations. Action threshold functions based on different **loss** functions are also compared. Great **uncertainty**, time **dependence** and highly nonlinearity of the economic threshold function indicate that more experiments related to threshold...

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23/3,K/21 (Item 10 from file: 35)  
DIALOG(R)File 35: Dissertation Abs Online  
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754014 ORDER NO: AAD81-19678  
PERCEIVED RISK: A STUDY OF ITS DETERMINANTS IN THE PURCHASE OF A CAPITAL GOOD

Author: TOPOL, MARTIN THEODORE

Degree: PH.D

Year: 1981

Corporate Source/Institution: CITY UNIVERSITY OF NEW YORK (0046)

Source: VOLUME 42/03-A OF DISSERTATION ABSTRACTS INTERNATIONAL.  
PAGE 1293. 188 PAGES

...on the part of buying firms. More importantly, few buyers have purchasing experience with the **product** although the **product** has been available for **many**

years. This latter consideration was believed to be critical to a test of perceived risk...

...test these hypotheses two groups were formed. Buyers were classified as either "high" or "low" **risk** perceivers, **depending** upon their response to a single item measuring perceived **risk**. **Data** analysis revealed, that of all the factors considered, the vendor's characteristics in particular were...

...were grouped and classified as being "subjective" or "objective." It was found that buyer's **risk** perception is **associated** with their certainty that the "objective" sources of information identified will provide good information. In addition, it was found that buyer's perceived **risk** is **associated** with their product specific self-confidence.

Of a related nature, it was found that of...

...the firm buying such a product, that only the threat of a performance failure is **associated** with buyer's **risk** perceptions.

Of the twenty-two hypotheses tested, only six were supported. The fact that many...

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23/3,K/25 (Item 3 from file: 2)  
DIALOG(R)File 2: INSPEC  
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11834782

Title: Supply chain risk management by mining business dependencies

Author(s): Hancu, L. 1

Affiliation(s):

1. SoftProEuro s.r.l., Cluj-Napoca, Romania

Email: lhancu@softproeuro.ro

Inclusive Page Numbers: 102-9

Publisher: IEEE, Piscataway, NJ

Country of Publication: USA

Publication Date: 2008

Conference Title: 2008 10th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing (SYNASC 2008)

Conference Date: 26-29 Sept. 2008

Conference Location: Timisoara, Romania

ISBN: 978-0-7695-3523-4

U.S. Copyright Clearance Center Code: 978-0-7695-3523-4/08/\$25.00

Item Identifier (DOI): <http://dx.doi.org/10.1109/SYNASC.2008.47>

Number of Pages: xviii+586

Language: English

Subfile(s): C (Computing & Control Engineering)

INSPEC Update Issue: 2009-036

Copyright: 2009, The Institution of Engineering and Technology

Abstract: ...on mining Business Dependencies that were previously automatically discovered from the Web logs of our

**multi-server** search application. The

**material** gathered in the previous experiments

(business dependencies inferred from Web usage logs and information on

...

...Virtualized Supply Chains. The generation of the Virtualized Supply

Chains and the computation of the **associated risks** conduct to the derivation of a risk reduction technique, which can be later applied in...

Descriptors: business data processing; **data** mining;  
Internet; **risk** management; supply chain management  
Identifiers: supply chain **risk** management; mining  
business **dependencies**; business information systems;  
medium entities; small entities; risk-reduction mechanism; multiserver  
search application; Web usage...

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23/3,K/28 (Item 6 from file: 2)  
DIALOG(R)File 2: INSPEC  
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10809586

Title: Path protection routing with SRLG constraints to support IPTV in  
WDM mesh networks

Author(s): Meeyoung Cha 1; Chaovalitwongse, W.A.; Zihui Ge; Yates, J.; Sue  
Moon

Affiliation(s):

1. KAIST, Daejeon, South Korea

Email: mycha@an.kaist.ac.kr; wchaoval@rci.rutgers.edu;

gezihui@research.att.com; jyates@research.att.com; sbmoon@cs.kaist.ac.kr

Book Title: Proceedings IEEE INFOCOM 2007

Inclusive Page Numbers: 2726-30

Publisher: IEEE, Piscataway, NJ

Country of Publication: USA

Publication Date: 2007

Conference Title: IEEE INFOCOM 2007

Conference Date: 12 May 2007

Conference Location: Anchorage, AK, USA

ISBN: 1-4244-1046-0

Language: English

Subfile(s): B (Electrical & Electronic Engineering)

INSPEC Update Issue: 2008-011

Copyright: 2008, The Institution of Engineering and Technology

Abstract: ...goal is to find two trees with a minimal total cost such that  
we have **two** physically (or Shared

**Risk Link Group**

(SRLG)) diverse paths to each of the destinations - one from each of the  
sources. Any...

Identifiers: ...WDM mesh networks; satellite distribution capacity; IPTV  
architecture; wavelength division multiplexed; broadcast TV applications  
; Shared **Risk Link  
Group**; channel failure; wavelength failure; path  
protection routing problem; NP-complete problem; integer programming;  
network topology

23/3,K/29 (Item 7 from file: 2)  
DIALOG(R)File 2: INSPEC  
(c) 2010 The IET. All rights reserved.

10445371

Title: A probabilistic framework for representing and simulating uncertain environmental variables

Author(s): Heuvelink, G.B.M. 1; Brown, J.D.; Van Loon, E.E.

Affiliation(s):

1. Environ. Sci. Group, Wageningen Univ., Netherlands

Journal: International Journal of Geographical Information Science, vol.21, no.5, pp.497-513

Publisher: Taylor & Francis

Country of Publication: UK

Publication Date: May 2007

ISSN: 1365-8816

ISSN Type: print

SICI: 1365-8816(200705)21:5L.497:PFRS;1-X

CODEN: IGISFR

Item Identifier (DOI): <http://dx.doi.org/10.1080/13658810601063951>

Language: English

Subfile(s): C (Computing & Control Engineering)

INSPEC Update Issue: 2007-021

Copyright: 2007, The Institution of Engineering and Technology

Abstract: ...data is important for managing environmental systems effectively and for encouraging the responsible use of **uncertain data**. Explicit assessment of the **uncertainties associated** with environmental **data**, and their storage in a database, are therefore important. This paper presents a statistical framework...

...are developed for objects with uncertain locations ('positional uncertainty') and uncertain attribute values ('attribute uncertainty').

**Objects** comprising **multiple**

space-time locations are separated into 'rigid

**objects**', where positional uncertainty cannot alter

the internal geometry of the object, and 'deformable' objects, where positional uncertainty can vary between locations in one

**object**. Statistical **dependence** is

allowed between **uncertainties** in

**multiple** locations in one **object**.

The **uncertainties associated** with

attribute values are also modelled with pdfs. The type and complexity of these pdfs...

...the uncertain attribute. The framework is illustrated with examples. A prototype software tool for assessing **uncertainties** in environmental **data**, storing them within a database, and for generating realizations for use in Monte Carlo studies ...

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23/3,K/30 (Item 8 from file: 2)  
DIALOG(R)File 2: INSPEC  
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09250687

Title: Criterion for universality-**class**-independent  
critical **fluctuations**: example of the  
**two**-dimensional Ising model

Author(s): Clusel, M. 1; Fortin, J.-Y.; Holdsworth, P.C.W.

Affiliation(s):

1. Lab. de Phys., Ecole Normale Supérieure de Lyon, Lyon, France

Journal: Physical Review E (Statistical, Nonlinear, and Soft Matter  
Physics), vol.70, no.4, pp.46112-1-9

Publisher: APS through AIP

Country of Publication: USA

Publication Date: Oct. 2004

ISSN: 1063-651X

ISSN Type: print

SICI: 1063-651X(200410)70:4L.46112:CUCI;1-M

CODEN: PLEEE8

Document Number: S1063-651X(04)04910-4

U.S. Copyright Clearance Center Code: 1063-651X/2004/70(4)/046112(9)/\$22.5  
0

Item Identifier (DOI): <http://dx.doi.org/10.1103/PhysRevE.70.046112>

Language: English

Subfile(s): A (Physics)

INSPEC Update Issue: 2005-003

Copyright: 2005, IEE

Title: Criterion for universality-**class**-independent  
critical **fluctuations**: example of the  
**two**-dimensional Ising model

Abstract: ...correlated systems in accordance with recent experimental and  
numerical observations. We conclude that a universality-  
**class-dependent** form for the  
**fluctuations** is a particularity of critical phenomena  
related to the change in symmetry at a phase...

Identifiers: universality-**class**-independent critical

**fluctuations**; **two**-dimensional

Ising model; order parameter fluctuations; critical temperature;

magnetic fields; probability density function; two-dimensional...

---

23/3,K/31 (Item 9 from file: 2)

DIALOG(R)File 2: INSPEC

(c) 2010 The IET. All rights reserved.

08871514

Title: Reflectometric measurements of PMD properties in long single-mode  
fibers

Author(s): Galtarossa, A. 1; Palmieri, L. 1

Affiliation(s):

1. Dept. of Inf. Eng., Padova Univ., Italy

Journal: Optical Fiber Technology: Materials, Devices and Systems, vol.9  
, no.3, pp.119-42

Publisher: Academic Press

Country of Publication: USA

Publication Date: July 2003

ISSN: 1068-5200



ISSN Type: print  
SICI: 1068-5200(200307)9:3L.119:RMPL;1-Q  
CODEN: OFTEFV  
U.S. Copyright Clearance Center Code: 1068-5200/03/\$30.00  
Item Identifier (DOI): [http://dx.doi.org/10.1016/S1068-5200\(03\)00026-9](http://dx.doi.org/10.1016/S1068-5200(03)00026-9)  
Language: English  
Subfile(s): A (Physics); B (Electrical & Electronic Engineering)  
INSPEC Update Issue: 2004-008  
Copyright: 2004, IEE

Abstract: ...first case, reflectometric techniques may be successfully applied to perform single-end measurement of differential **group** delay and polarization **dependent loss**. In the **second** case - that is the case of polarization sensitive optical time domain reflectometry - the local birefringence...

Identifiers: ...properties; optical fiber link; continuous wave source; pulsed source; probe signal; single end measurement; differential **group** delay; polarization **dependent loss**; polarization sensitive optical time reflectometry; local birefringence

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23/3,K/32 (Item 10 from file: 2)  
DIALOG(R)File 2: INSPEC  
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08519512  
Title: On a correlated aggregate claims model with Poisson and Erlang risk processes  
Author(s): Yuen, K.C. 1; Junyi Guo; Xueyuan Wu  
Affiliation(s):  
1. Dept. of Stat. & Actuarial Sci., Hong Kong Univ., China  
Journal: Insurance Mathematics & Economics, vol.31, no.2, pp.205-14  
Publisher: Elsevier  
Country of Publication: Netherlands  
Publication Date: 18 Oct. 2002  
ISSN: 0167-6687  
ISSN Type: print  
SICI: 0167-6687(20021018)31:2L.205:CACM;1-T  
CODEN: IMECDX  
Document Number: S0167-6687(02)00150-6  
U.S. Copyright Clearance Center Code: 0167-6687/02/\$22.00  
Item Identifier (DOI): [http://dx.doi.org/10.1016/S0167-6687\(02\)00150-6](http://dx.doi.org/10.1016/S0167-6687(02)00150-6)  
Language: English  
Subfile(s): C (Computing & Control Engineering); E (Mechanical & Production Engineering)  
INSPEC Update Issue: 2003-005  
Copyright: 2003, IEE  
Abstract: In this paper we consider a **risk** model with **two dependent classes** of insurance business. In this model the two claim number processes are correlated. Claim occurrences...

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23/3,K/40 (Item 1 from file: 8)  
DIALOG(R)File 8: Ei Compendex(R)  
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1210917249 E.I. COMPENDEX No: 20102513022919  
 Admission control and preemption policy design of multi-class computer networks  
 Issue Title: 2010 44th Annual Conference on Information Sciences and Systems, CISS 2010  
 Zhao, Zhen; Weber, Steven; De Oliveira, Jaudelice C.  
 Corresp. Author/Affil: Zhao, Z.: Dept. of Electrical and Computer Engineering, Drexel University, Philadelphia, PA 19104, United States  
 Corresp. Author email: zhen@drexel.edu  
 Author email: sweber@ece.drexel.edu; jau@ece.drexel.edu  
 Conference Title: 44th Annual Conference on Information Sciences and Systems, CISS 2010  
 Conference Location: Princeton, NJ United States Conference Date: 20100317-20100319  
 E.I. Conference No.: 80669  
 2010 44th Annual Conference on Information Sciences and Systems, CISS 2010 ( Annu. Conf. Inf. Sci. Syst., CISS ) (United States) 2010, CFP1060A-ART  
 Publication Date: 20100625  
 Publisher: IEEE Computer Society  
 ISBN: 9781424474172  
 DOI: 10.1109/CISS.2010.5464837  
 Article Number: 5464837  
 Document Type: Conference Paper; Conference Proceeding Record Type: Abstract  
 Language: English Summary Language: English  
 Number of References: 17

...priority call. This paper studies the joint use of admission control and preemption for a **two class loss link** where per-class revenues are earned per unit time for each active call, and an instantaneous preemption cost...

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23/3,K/41 (Item 2 from file: 8)  
 DIALOG(R)File 8: Ei Compindex(R)  
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1210877186 E.I. COMPENDEX No: 20102212976603  
 Particle-hole mixing driven by the superconducting fluctuations  
 Domanski, T.  
 Corresp. Author/Affil: Domanski, T.: Institute of Physics, M. Curie Skłodowska University, Lublin 20-031, Poland  
 Corresp. Author email: doman@kft.umcs.lublin.pl  
 European Physical Journal B ( Eur. Phys. J. B ) (United States) 2010, 74/4 (437-445)  
 Publication Date: 20100401  
 Publisher: Springer New York  
 ISSN: 1434-6028 eISSN: 1434-6036  
 DOI: 10.1140/epjb/e2010-00100-0  
 Document Type: Article; Journal Record Type: Abstract  
 Language: English Summary Language: English

Number of References: 64

...Identifiers: effects; Feshbach resonances; Finite particles; Phase coherence; Pseudogap state; Quantitative level; Quantum fluctuation; Quasiparticles; Renormalization **group** approach; Similarity transformation; Superconducting **fluctuations**; Temperature **dependence**; **Two**-component model; Ultracold fermions

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23/3,K/42 (Item 3 from file: 8)  
DIALOG(R)File 8: Ei Compendex(R)  
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1210765722 E.I. COMPENDEX No: 20101612857257

Ranking with query-**dependent loss**  
for web search

Issue Title: WSDM 2010 - Proceedings of the 3rd ACM International  
Conference on Web Search and Data Mining

Bian, Jiang; Liu, Tie-Yan; Qin, Tao; Zha, Hongyuan

Corresp. Author/Affil: Bian, J.: College of Computing, Georgia Institute  
of Technology, Atlanta, GA, United States

Corresp. Author email: jbian@cc.gatech.edu

Author email: tylu@microsoft.com; taoqin@microsoft.com;  
zha@cc.gatech.edu

Conference Title: 3rd ACM International Conference on Web Search and Data  
Mining, WSDM 2010

Conference Location: New York City, NY United States Conference Date:  
20100203-20100206

E.I. Conference No.: 79765

WSDM 2010 - Proceedings of the 3rd ACM International Conference on Web  
Search and Data Mining ( WSDM - Proc. ACM Int. Conf. Web Search Data Min. )  
(United States) 2010, (141-150)

Publication Date: 20100421

Publisher: Association for Computing Machinery

ISBN: 9781605588896

DOI: 10.1145/1718487.1718506

Document Type: Conference Paper; Conference Proceeding Record Type:  
Abstract

Language: English Summary Language: English

Number of References: 27

Ranking with query-**dependent loss**  
for web search

...models. In this paper, we propose to incorporate query difference into  
ranking by introducing query-**dependent**  
**loss** functions. In the context of Web search, query  
difference is usually represented as different query...

...different expectation on the result accuracy on different rank  
positions, we develop position-sensitive query-**dependent**  
**loss** functions exploring such kind of query

**categorization**. Beyond the simple learning method that  
builds ranking functions with pre-defined query categorization, we further  
propose a new method that learns both ranking functions and query  
**categorization** simultaneously. We apply the query-  
**dependent loss** functions to

**two** particular ranking algorithms, RankNet and ListMLE.

Experimental results demonstrate that query-**dependent loss** functions can be exploited to significantly improve the accuracy of learned ranking functions. We also...  
...and conduct additional experiments to gain deeper understanding on the advantages of ranking with query-**dependent loss** functions over other query-dependent ranking approaches and query-independent approaches. Copyright 2010 ACM.

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23/3,K/49 (Item 10 from file: 8)  
DIALOG(R)File 8: Ei Compendex(R)  
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0017395130 E.I. COMPENDEX No: 20064410209889  
Experimental **uncertainty** in temperature  
**dependent** material properties of composite laminates  
Issue Title: Proceedings of the 2006 SEM Annual Conference and Exposition on Experimental and Applied Mechanics 2006  
Smarslok, Ben; Speriatu, Lucian; Schulz, William; Haftka, Raphael T.; Ifju, Peter; Johnson, Theodore F.  
Corresp. Author/Affil: Smarslok, B.: Mechanical and Aerospace Engineering Department, University of Florida, Gainesville, FL 32611-6250  
Conference Title: SEM Annual Conference and Exposition on Experimental and Applied Mechanics 2006  
Conference Location: Saint Louis, MO United States Conference Date: 20060604-20060607  
E.I. Conference No.: 68397  
Proceedings of the 2006 SEM Annual Conference and Exposition on Experimental and Applied Mechanics 2006 ( Proc. SEM Annu. Conf. Expo. Exp. Appl. Mech. ) (United States) 2006, 4/- (2113-2122)  
Publication Date: 20061106  
Publisher: Society for Experimental Mechanics Inc.  
ISBN: 091205395X; 9780912053950  
Document Type: Conference Paper; Conference Proceeding Record Type: Abstract  
Treatment: T; (Theoretical); X; (Experimental)  
Language: English Summary Language: English  
Number of References: 13

Experimental **uncertainty** in temperature  
**dependent** material properties of composite laminates  
...to measure the transverse elastic modulus of a composite laminate over a wide temperature range. **Empirical data** of the transverse elastic modulus (E SUB 2) displayed acceptable results; however, the existing uncertainty was investigated to determine the amount due to measurement methods, as **compared** to specimen **uncertainty**.  
Understanding the source of uncertainties distinguishes how much variability is real and how much is...

---

23/3,K/51 (Item 12 from file: 8)  
DIALOG(R)File 8: Ei Compendex(R)  
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0016619330 E.I. COMPENDEX No: 2005319268487  
Measurement and prediction of nitrogen loss by simulated erosion events

on cultivated forest soils of contrasting structure

Teixeira, P.C.; Misra, R.K.

Corresp. Author/Affil: Misra, R.K.: Faculty of Engineering and Surveying,  
University of Southern Queensland, Toowoomba, QLD 4350, Australia

Corresp. Author email: misrar@usq.edu.au

Soil and Tillage Research ( Soil Tillage Res. ) (Netherlands) 2005, 83/2  
(204-217)

Publication Date: 20050808

Publisher: Elsevier

CODEN: SOTRD ISSN: 0167-1987

Publisher Item Identifier: S0167198704001709

DOI: 10.1016/j.still.2004.07.014

Document Type: Article; Journal Record Type: Abstract

Treatment: T; (Theoretical)

Language: English Summary Language: English

Number of References: 42

The objectives of this study were to determine nitrogen (N)

**loss associated** with erosion of

forest soils and to explore the role of soil structure and other...

...sediment loss and N loss increased with slope and kinetic energy of  
rainfall suggesting greater **dependency** of N

**loss** on sediment loss than on N concentration in the  
sediment. Irrespective of erosion treatments and...

...enrichment of sediment did not predict E SUB R for our soils

satisfactorily. However, an **empirical** model using

published **data** on erosion and N loss agreed well with

the results. This predictive method only requires...

---

23/3,K/55 (Item 16 from file: 8)

DIALOG(R)File 8: Ei Compendex(R)

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0015620062 E.I. COMPENDEX No: 2003377632861

Limitations and implications of stream classification

Juracek, Kyle E.; Fitzpatrick, Faith A.

Corresp. Author/Affil: Juracek, K.E.: U.S. Geological Survey, 4821 Quail  
Crest Place, Lawrence, KS 66049-3839, United States

Corresp. Author email: kjuracek@usgs.gov

Journal of the American Water Resources Association ( J. Am. Water  
Resour. Assoc. ) (United States) 2003, 39/3 (659-670)

Publication Date: 20030917

Publisher: American Water Resources Association

CODEN: JWRAF ISSN: 1093-474X

Document Type: Article; Journal Record Type: Abstract

Treatment: T; (Theoretical)

Language: English Summary Language: English

Number of References: 63

...Several examples are described to illustrate the limitations and  
management implications of the Level II **classification**.

Limitations include: (1) time **dependence**, (

**2) uncertain** applicability across

physical environments, (3) difficulty in identification of a true  
equilibrium condition, (4) potential...

...classifications based on channel form, such as Rosgen's, include: (1)

acceptance of the limitations, (2) acceptance of the **risk of classifying** streams incorrectly, and (3) **classification** results may be used inappropriately. It is concluded that use of the Level II classification...

---

23/3,K/57 (Item 18 from file: 8)  
DIALOG(R)File 8: Ei Compendex(R)  
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0013951249 E.I. COMPENDEX No: 1997493858801  
On the use of probability and possibility measures in fuzzy clustering  
Vila, M.A.; Delgado, M.; Gomez-Skarmeta, A.F.  
Corresp. Author/Affil: Vila, M.A.: Universidad de Granada, Granada, Spain  
Conference Title: Proceedings of the 1997 6th IEEE International  
Conference on Fussy Systems, FUZZ-IEEE'97. Part 1 (of 3)  
Conference Location: Barcelona, Spain Conference Date: 19970701-  
19970705  
E.I. Conference No.: 47111  
IEEE International Conference on Fuzzy Systems ( IEEE Int Conf Fuzzy Syst  
) 1997, IEEE 97CB36032, 1/- (143-148)  
Publication Date: 19970101  
Publisher: IEEE  
CODEN: PIFSF  
Document Type: Conference Paper; Conference Proceeding Record Type:  
Abstract  
Treatment: T; (Theoretical)  
Language: English Summary Language: English  
Number of References: 7

...is assumed that classes are fuzzy sets and the information available  
is evidential. It has **two** bad  
**classification loss** functions  
associated, **depending** on whether plausibility or belief  
is considered. The plausibility cases of probability and possibility are...

---

23/3,K/58 (Item 19 from file: 8)  
DIALOG(R)File 8: Ei Compendex(R)  
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0013005955 E.I. COMPENDEX No: 1993070995420  
Robust control using fictitious **set** point for  
**two-link** manipulator having  
**uncertainties**  
Sakamoto, Noriaki; Masubuchi, Masami  
Corresp. Author/Affil: Sakamoto, Noriaki  
Nippon Kikai Gakkai Ronbunshu, C Hen/Transactions of the Japan Society of  
Mechanical Engineers, Part C ( Nippon Kikai Gakkai Ronbunshu C Hen ) 1993  
, 59/558 (173-178)  
Publication Date: 19930101  
CODEN: NKCHD ISSN: 0387-5024  
Document Type: Article; Journal Record Type: Abstract  
Treatment: A; (Applications); T; (Theoretical)  
Language: Japanese; English Summary Language: English

Robust control using fictitious **set** point for  
**two-link** manipulator having  
**uncertainties**

...not used. The VSC is applied to the constant desired-value control of  
the **two-link** manipulator having  
**uncertainties** of the load and friction coefficient  
variations. The computer simulation shows that this system can...

Identifiers: Constant desired value control; Fictitious  
**set** point; Input chattering; **Two-**  
**link** manipulator; **Uncertainties**;  
Variable structure control

---

23/3,K/59 (Item 1 from file: 14)  
DIALOG(R)File 14: Mechanical and Transport Engineer Abstract  
(c) 2010 CSA. All rights reserved.

0001792981 IP ACCESSION NO: 200807-61-1050503  
Windage Power Loss Modeling of a Smooth Rotor Supported by Homopolar Active  
Magnetic Bearings

Saint Raymond, M; Kasarda, M E F; Allaire, P E  
Mechanical Engineering Department, Virginia Tech, Blacksburg, VA 24061-0238

Journal of Tribology (Transactions of the ASME), v 130, n 2, p 021101 (8pp)  
, Apr. 2008  
PUBLICATION DATE: 2008

PUBLISHER: ASME International, 3 Park Avenue, New York, NY, 10016-5990  
COUNTRY OF PUBLICATION: USA  
PUBLISHER URL:  
<http://asmedl.aip.org/getabs/servlet/GetabsServlet?prog=normal&id=JOTRE9000130000002021101000001&idtype=cvips&gifs=Yes>;  
<http://www.asme.org>

DOCUMENT TYPE: Journal Article  
RECORD TYPE: Abstract  
LANGUAGE: English  
ISSN: 0742-4787  
FILE SEGMENT: Mechanical & Transportation Engineering Abstracts  
ABSTRACT:

... and uninterruptible power supplies. In order to optimize efficiency in  
these and other applications, the **loss** mechanisms  
**associated** with magnetic bearings and rotating machinery  
must be well understood. The primary parasitic loss mechanisms...

...of eddy current and hysteresis losses, are used to reduce the rundown  
data into the **associated** power **loss**  
components. A **comparison** is then completed comparing the  
windage power loss component extracted through the rundown data reduction  
...

...predicted windage loss values. The most accurate model formula (Model 2)  
dictates that the frequency **dependency** of windage  
**loss** is both logarithmic and power based and represents  
the minimum error between experimentally extracted and...

DESCRIPTORS: Mathematical models; Rotors; Power loss; Windage losses;  
Magnetic bearings; Mathematical analysis; High speed;

**Empirical** analysis; Eddy currents;  
**Data** reduction; Electric power generation; Rotating  
machinery; Mechanical engineering; Flywheels; Hysteresis losses; Electric  
vehicles; Standards; Error...

---

23/3,K/60 (Item 1 from file: 139)  
DIALOG(R)File 139: EconLit  
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1099688  
TITLE: First-Order Mortality Basis for Life Annuities  
AUTHOR(S): Denuit, Michel; Frostig, Esther  
AUTHOR(S) AFFILIATION: Institut des Sciences Actuarielles, Catholic U  
Louvain; U Haifa  
JOURNAL NAME: Geneva Risk and Insurance Review,  
JOURNAL VOLUME & ISSUE: 33 2,  
PAGES: 75-89  
PUBLICATION DATE: 2008  
LANGUAGE: English  
AVAILABILITY: <http://www.palgrave-journals.com/grir/index.html>  
ISSN: 1554-964X  
DOCUMENT TYPE: Journal Article  
ABSTRACT INDICATOR: Abstract

...ABSTRACT: annuity payments under first-order and second-order mortality  
basis is provided, which allows to <B>link value-at-  
**risk** computed under these **two**  
**sets** of assumptions. A numerical example performed  
on Belgian mortality statistics illustrates how the approach proposed  
...

---

23/3,K/61 (Item 2 from file: 139)  
DIALOG(R)File 139: EconLit  
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698757  
TITLE: Deposit insurance, capital requirements, and financial stability  
AUTHOR(S): Kopcke, Richard W.  
AUTHOR(S) AFFILIATION: Unlisted  
PUBLICATION INFORMATION: Federal Reserve Bank of Boston, Working Papers:  
00-3  
PUBLICATION DATE: 2000  
LANGUAGE: English  
AVAILABILITY: [http://www.bos.frb.org/economic/wp/wp2000/wp00\\_3.htm](http://www.bos.frb.org/economic/wp/wp2000/wp00_3.htm)  
DOCUMENT TYPE: Working Paper  
ABSTRACT INDICATOR: Abstract

...ABSTRACT: model in which intermediaries possess better information than  
the public about the yields on a **set** of assets.  
Equilibrium returns **depend** on **two**  
**risk** premiums that intermediaries incur on their  
liabilities: an explicit premium that reflects the public's...

---

23/3,K/62 (Item 3 from file: 139)  
DIALOG(R)File 139: EconLit



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685787

TITLE: A Panel Analysis Of UK Industrial Company Failure

AUTHOR(S): Isachenkova, Natalia; Hunter, John

AUTHOR(S) AFFILIATION: Unlisted; Unlisted

PUBLICATION INFORMATION: ESRC Centre for Business Research, ESRC Centre  
for Business Research - Working Papers

PUBLICATION DATE: 2002

LANGUAGE: English

AVAILABILITY: <http://www.cbr.cam.ac.uk/pdf/WP228.pdf>

DOCUMENT TYPE: Working Paper

ABSTRACT INDICATOR: Abstract

...ABSTRACT: using a panel data set comprising 539 firms observed over the period 1988-93. The **empirical** design employs **data** from company accounts and is based on Chamberlain's conditional binomial logit model, which allows for unobservable, firm-specific, time-invariant factors **associated** with failure **risk**. We find a noticeable degree of heterogeneity across the sample companies. Our panel results show...

... quick assets ratio, slower turnover proxied by the ratio of debtors turnover, and profitability were **linked** to the higher **risk** of insolvency in the analysis period. The findings appear to support the proposition that the...